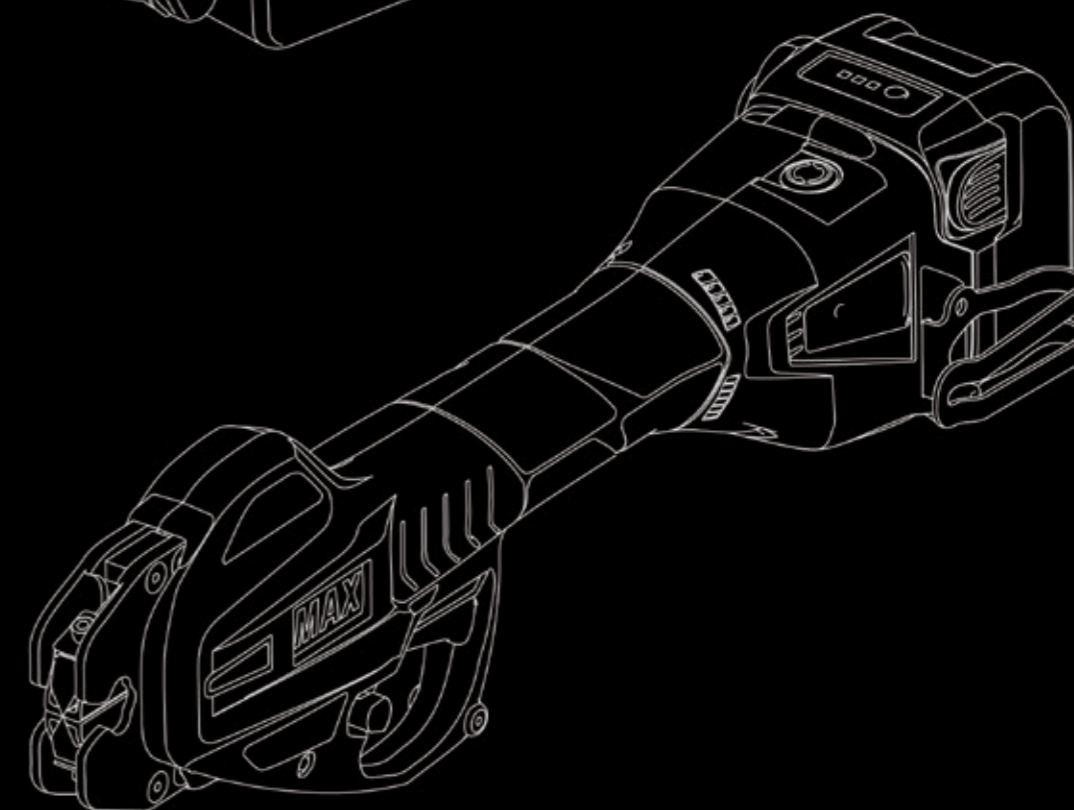
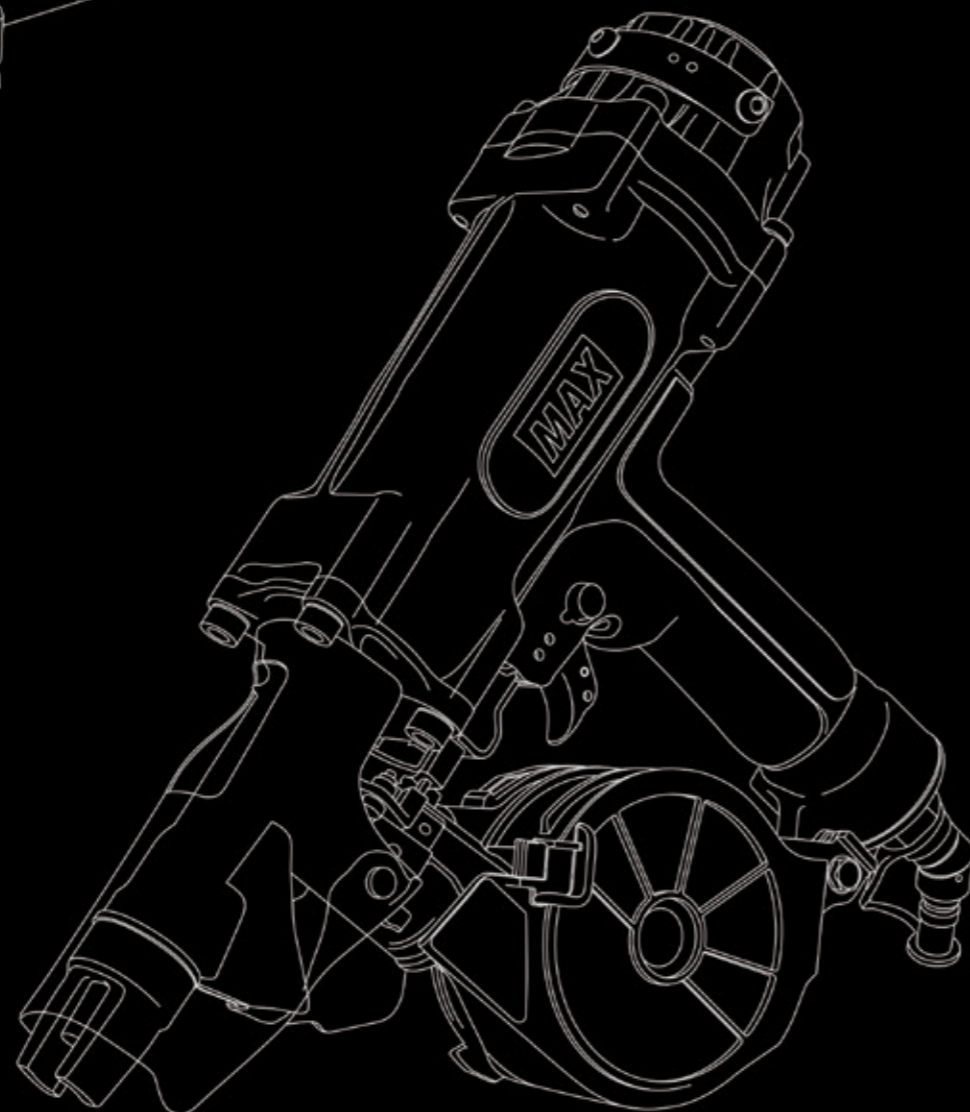
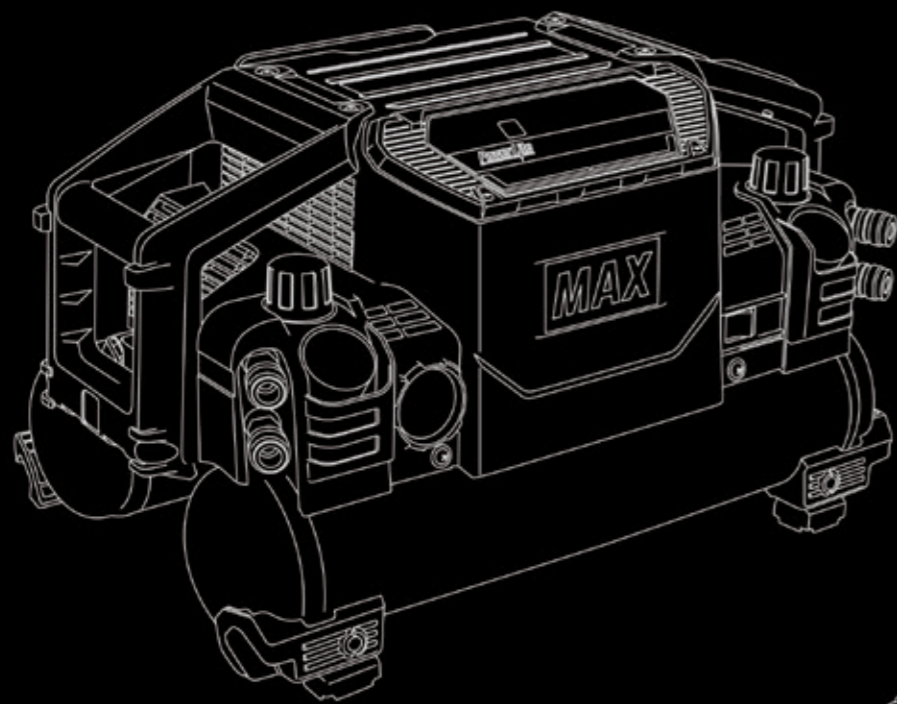




Construction Tool  
Catalogue



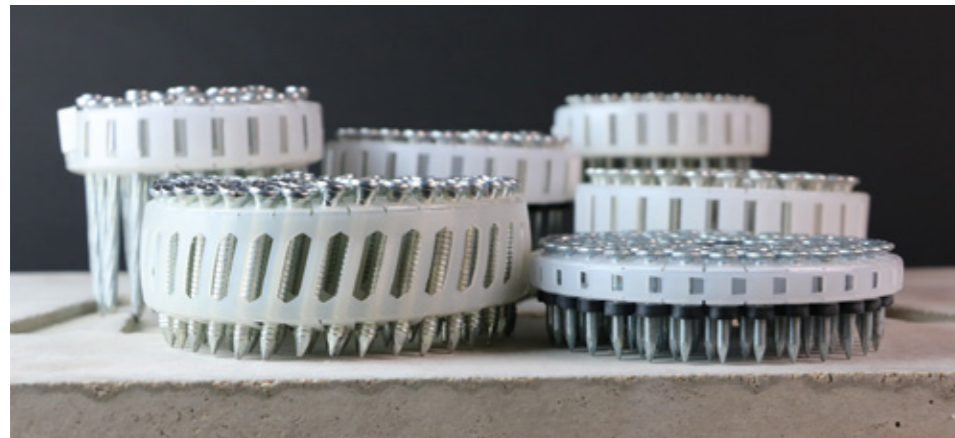
**MAX CO.,LTD.**

6-6, Nihonbashi Hakozaki Cho, Chuo-Ku, Tokyo, Japan

E-mail: [contact@max-ltd.com.au](mailto:contact@max-ltd.com.au)

<https://www.max-ltd.com.au>

ENGINEERED FOR  
PERFORMANCE



# CONTENTS

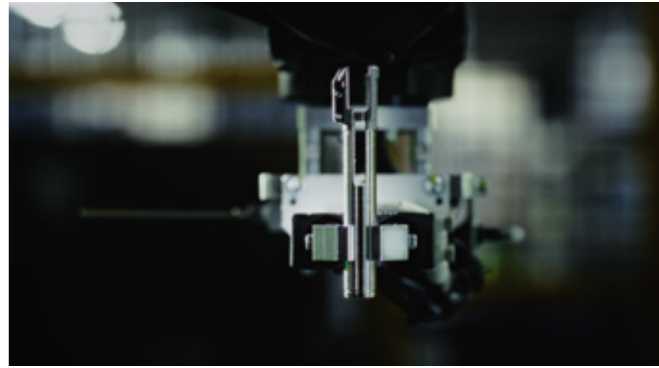
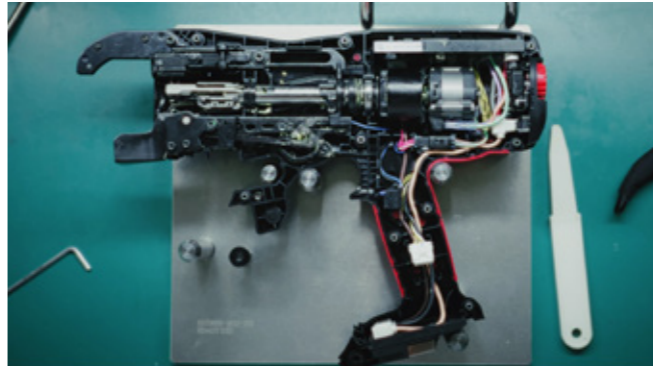
<b>Company Profile</b> .....	<b>03</b>	<b>Fasteners</b> .....	<b>29</b>
About MAX, Global network		Concrete / Steel pins series .....	29
<b>Rebar Tying Tool &amp; Rebar Cutter</b> .....	<b>05</b>	CP-W8, CCP, CAP, CP-W6, CP-C6	
MAX TWINTIER .....	07	Screw pins series .....	37
RB443T, RB823T, RB613T, RB401T-E		SP-C37** Series, SP-F37** Series,	
MAX REBAR TIER and Others .....	12	SP-F37**-S Series, SP-H37**-S Series	
RB398S		<b>FAP pins series</b> .....	<b>45</b>
Tie Wire .....	12	FAPV5, FAPV9	
for MAX TWINTIER, for MAX REBAR TIER		Application reference sheet .....	49
MAX Rebar Mesh Cutter and Rebar Cutter .....	13	<b>Regular Pressure Nailers</b> .....	<b>51</b>
WMC80, PJRC160-N		Construction Nailer .....	51
Li-ion Battery / Li-ion Battery Charger .....	14	CN565S, CN890S, CN650M, CN890F,	
JPL91450A, JPL92550A, JC925A		SN890CH2/34, SN883-100CH/34,	
<b>High Pressure MAX POWERLITE Nailers</b> ...	<b>15</b>	CN445R2, CN450G, SN438J, CN552S,	
High Pressure Compressor .....	17	CN550S, CN452S	
AKHL1320E		<b>Industrial Coil Nailer</b> .....	<b>55</b>
High Pressure Air Tank .....	17	CN55, CN80, CN70, CN100	
AKTH15		<b>Stapler</b> .....	<b>56</b>
Powerlite Concrete Pinner .....	19	TA116A/21-13, TA238B/18-6,	
HN120, HN25C2		TA116A/22-9, TA551A/16-11	
Powerlite Screw Pinner .....	23	<b>Brad Nailer</b> .....	<b>57</b>
HN40SP1		NF255FA/18, NF565A/16,	
Powerlite Construction Nailer .....	25	NF255SF2/18, NF665A/15	
HN90F, HS130, HVR41G4,		<b>Gas Nailers</b> .....	<b>58</b>
HA55SF2, HN65J2, HN65S		GS738CLT, GS690CH	

Type of nail						
Plastic	Wire	Plastic sheet collated screw	Glue	Paper	FAP V5 series	FAP V9 series
Type of functions						
End Cap Filter	Trigger Lock Lever	Rafter Hook	Swivel Plug	Depth Control	Jam Clearing	Carrying case
Nail Angle						
<b>0°</b>	<b>15°</b>	<b>21°</b>	<b>34°</b>			
Straight	15 degree	21 degree	34 degree			

# Built in Japan, Built to Last

Founded in Japan in 1942, MAX has been globally recognised as a leading manufacturer of high-end industrial tools and office products. Our engineers develop innovative, durable solutions to meet the evolving needs of professionals.

The MAX Advantage starts with our R&D, engineering, and production teams, and ends with customer satisfaction. By integrating user feedback, we continuously refine our products to meet real-world demands and stay ahead of industry trends.



## Global network



## Head Office

M MAX CO., LTD.

## Logistics and Service Bases

MAX Sales Co., Ltd.  
 MAX Engineering Service Co., Ltd.  
 MAX Logistics Warehouse Co., Ltd.

## Sales Bases

- 1 MAX USA CORP.
- 2 MAX USA CORP. TEXAS OFFICE
- 3 MAX USA CORP. CALIFORNIA OFFICE
- 4 MAX EUROPE B.V.
- 5 MAX EUROPE B.V. GERMAN OFFICE
- 6 Lighthouse(UK)Ltd.
- 7 Lighthouse Europe B.V.
- 8 MAX ASIA PTE. LTD.
- 9 MAX ASIA PTE. LTD. MUMBAI OFFICE
- 10 MAX ASIA PTE. LTD. HO CHI MINH OFFICE
- 11 MAX CO.,(H.K.)LTD.
- 12 MAX (SHANGHAI) CO., LTD.

## Production Bases

- 13 MAX FASTENERS(M)SDN. BHD.
- 14 MAX (THAILAND) CO., LTD.
- 15 MAX ELECTRONICS MACHINE CO., (SHENZHEN) LTD.
- 16 MAX ELECTRONICS MACHINE(SUZHOU) CO., LTD.
- Tamura Factory
- Kuragano Factory
- Fujioka Factory (JIS certified factory)
- MAX Joban Co., Ltd. (JIS certified factory)
- Yoshii Factory
- MAX Takasaki Co., Ltd.

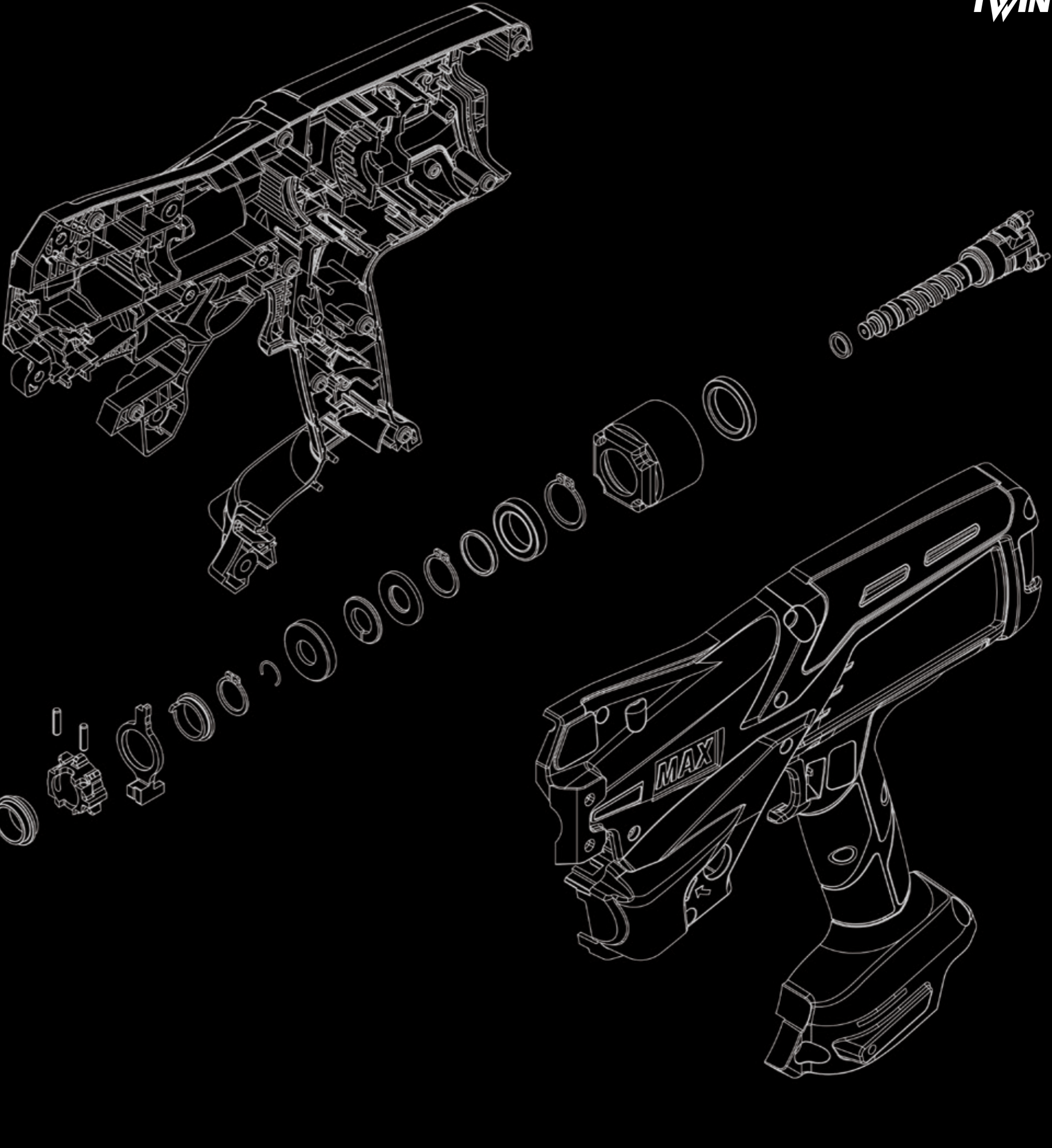
# REVOLUTIONIZE REBAR TYING

*World's First Battery  
Operated Rebar Tier*



*Boost Productivity  
compared with hand tying*

*Reduce Strain  
compared with hand tying*





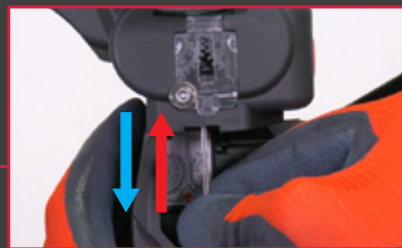
**NEW**

Rebar combination up to 22 x 22mm

# RB443T

## Features

### Wire loading assistance



Easy load the dual wires with the new wire loading assistance function.



We have enlarged the marking, making it easier to target the center of the rebar.



We have shortened the trigger pull and reduced the strain on the finger during use.



Belt hook is included. This can be placed on the 16mm diameter rebar.

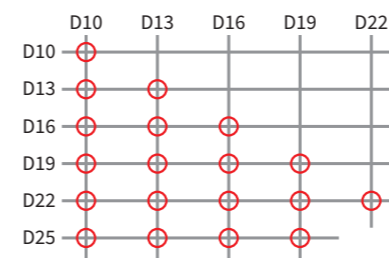
\*Compared with Max RB441T



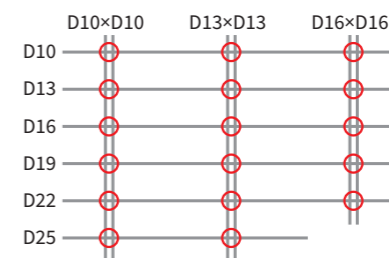
Model name	RB443T
Item Code	RB94017
Dimensions	H295 x W120 x L330mm
Item Weight	2.5kg
Tie Speed	0.5 sec
Ties per coil	Approx. 170 - 265 ties
Ties per charge	Approx. 5000 ties
Ties / carton	Approx 7200 ties (13mm x 13mm)
Battery	JPL91450A (14.4V 5.0Ah)
Charger	JC925A
Battery charge time	80% charged 60min 100% fully charged 80min
Tie Wraps	1 wrap with double wire
Applicable Rebar Size	10 x 10 - 22 x 22, up to 13 x 13 x 16 x 16
Applicable Wire Product	TW1061T series
Standard package	2 x JPL91450A batteries 1 x JC925A charger 1 x Carrying case 1 x Belt hook kit
Tension adjustment	6 levels
Production country	Japan

## Applicable Wire Combinations

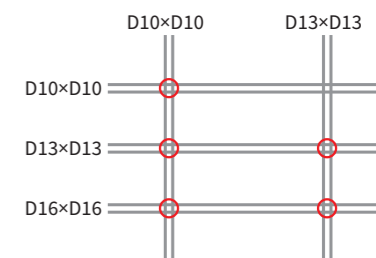
### Combination of 2 rebars



### Combination of 3 rebars



### Combination of 4 rebars



## Engineering Advantages



World's first battery operated rebar tying tool



Made in Japan



Over 30 years of in-house development & manufacturing

## The advantages

**0.5 sec per tie**

RB443T

RB398S

0.9 sec

**2.5 kg**  
Weight with battery

**5,000 ties**  
Approx. 5,000 ties / charge

## Tying capacity

10x10mm combination

**265 ties**  
Approx. 265 ties / coil

**7,950 ties**  
Approx. 7,950 ties / carton

13x13mm combination

**240 ties**  
Approx. 240 ties / coil

**7,200 ties**  
Approx. 7,200 ties / carton

## MAX TWINTIER Series

**RB443T**  
Up to 22x22mm



**RB613T**  
Up to 32x29mm



**RB823T**  
Up to 41x41mm



**RB401T-E**  
standup  
Up to 20x20mm





Rebar combination up to 41 x 41mm

# RB823T

## Features



**Up to 41 x 41mm** Suits up to 41 x 41mm rebar combination.



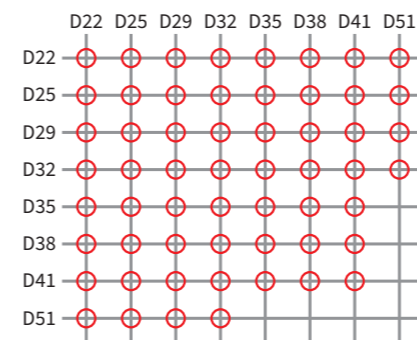
**Wire loading assistance** Easily load the dual wires with the new wire loading assistance mechanism.



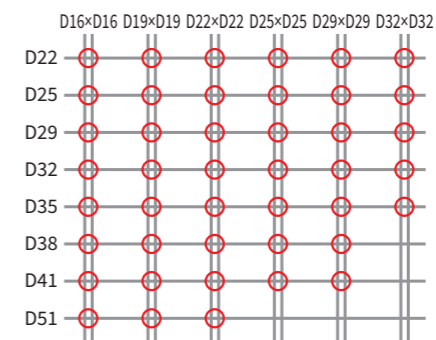
Model name	RB823T
Item Code	RB94019
Dimensions	H315 x W120 x L382mm
Item Weight	2.7kg
Tie Speed	0.7 sec
Ties per coil	100 - 165 ties
Ties per charge	Approx. 4100 ties
Ties / carton	Approx. 2550 - 4950 ties
Tie Wraps	1 wrap with double wire
Battery	JPL91450A
Charger	JC925A
Battery charge time	80% charged in 60 min 100% charged in 80 min
Applicable Rebar Size	22 x 22 - 41 x 41, up to 25 x 25 x 25 x 25
Applicable Wire Product	TW1061T series
Standard package	2 x JPL91450A battery 1 x JC925A charger 1 x Carrying case 1 x Belt hook kit
Tension adjustment	6 levels
Production country	Japan

## Applicable Wire Combinations

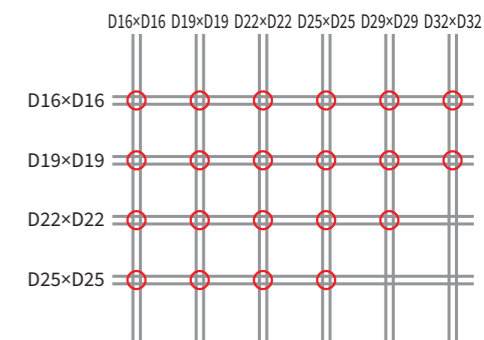
### Combination of 2 rebars



### Combination of 3 rebars

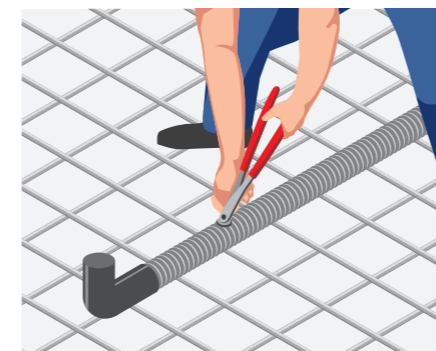


### Combination of 4 rebars



## Testimonials - Grout Tube application at precast concrete factory-

# 50 mm grout tube



**170 sec**  
170 seconds per operation  
(6 tubes x 2 tying points)

**14 sec**  
14 seconds per tie

**Manual tying**



**47 sec**  
47 seconds per operation  
(6 tubes x 2 tying points)

**3.9 sec**  
3.9 seconds per tie\*1

**-72%**

**RB823T**



### The test conditions

Place	Precast concrete factory in Australia
Product	Concrete panels
Number of operator	1 person
Application	50mm grout tube x 12mm rebar, 9mm mesh
Condition	Grout tube tying performed under identical conditions: 6 tubes x 2 tying points 1) Manual tying 2) Tying with RB823T

Note: Results may vary under actual site conditions.

\*1 including the time spent inserting the tool's jaws into, and removing them from, the tying objects.

**How much faster did it feel with the machine?**

**“It definitely felt at least 3 to 4 times faster.”**

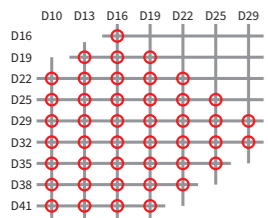
\*Individual results may vary.



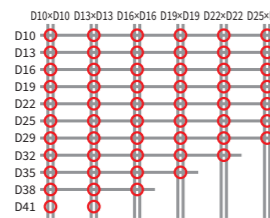
\*Actual results may vary depending on the site conditions. Please see the detailed test conditions for reference



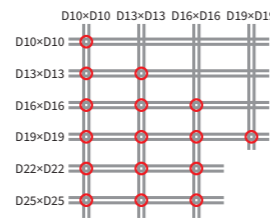
Combination of 2 rebars



Combination of 3 rebars



Combination of 4 rebars



Rebar combination up to 32 x 29mm

# RB613T

Model name	RB613T
Item Code	RB94023
Dimensions	H295 x W120 x L360mm
Item Weight	2.5kg
Tie Speed	0.6 sec
Ties per coil	Approx. 140 - 205 ties
Ties per charge	Approx. 5000 ties
Ties / carton	Approx 6150 ties (16mm x 16mm)
Battery	JPL91450A
Charger	JC925A
Battery charge time	80% charged 60min 100% fully charged 80min
Tie Wraps	1 wrap with double tie
Applicable Rebar Size	16 x 16 - 32 x 29, up to 19 x 19 x 19 x 19
Applicable Wire Product	TW1061T series
Standard package	2 x JPL91450A batteries 1 x JC925A charger 1 x Carrying case 1 x Belthook kit
Tension adjustment	6 levels
Production country	Japan



Rebar combination up to 16 x 19mm

# RB398S

Model name	RB398S
Item Code	RB93401
Dimensions	H305 x W120 x L290mm
Item Weight	2.3kg
Tie Speed	0.9 sec
Ties per coil	Approx. 120 ties
Ties per charge	Approx. 4000 ties
Ties / carton	Approx. 6000 ties
Battery	JPL91450A (14.4V 5.0Ah)
Charger	JC925A
Battery charge time	80% charged 60min 100% fully charged 80min
Tie Wraps	3 wraps
Applicable Rebar Size	10 x 10 - 16 x 19, up to 13 x 13 x 13 x 13
Applicable Wire Product	TW898 series
Standard package	2 x JPL91450A batteries 1 x JC925A charger 1 x carrying case
Tension adjustment	6 levels
Production country	Japan

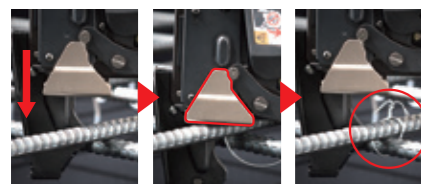


Rebar combination up to 20 x 20mm

# RB401T-E

Model name	RB401T-E
Item Code	RB94005
Dimensions	H322 x W408 x L1100mm
Item Weight	4.6kg
Tie Speed	0.7 sec
Ties per coil	Approx. 175 - 260 ties
Ties per charge	Approx. 4600 ties
Ties / carton	Approx. 7050 ties (13mm x 13mm)
Battery	JPL91450A (14.4V 5.0Ah)
Charger	JC925A
Battery charge time	80% charged 60min 100% fully charged 80min
Tie Wraps	1 wrap with double wire
Applicable Rebar Size	10 x 10 - 20 x 20, up to 13 x 13 x 13 x 13
Applicable Wire Product	TW1061T series
Standard package	2 x JPL91450A batteries 1 x JC925A charger 1 x carrying case
Tension adjustment	6 levels
Production country	Japan

Trigger-less tying system



Triggerless technology allows the tool to instantly tie when the contact switch is placed to the rebars.

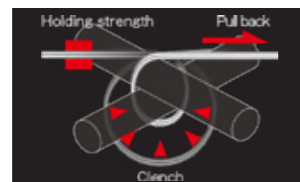
Adjustable handle



Users can adjust the tool's handles to 2 positions, to find the most comfortable fit for their height.

## Advantages of TWINTIER

**150% tighter**  
x 150% tighter than  
Max RB398S



**Approx. 12mm**  
12mm wire tie height, no  
loose wires



## TW1061T series for MAX TWINTIER

MAX TW1061T Tie Wire series is the dedicated wire for the MAX TWINTIER series. MAX TW1061T features "dual wires," providing quicker and tighter ties. There are four different types of wire available: annealed steel wire, electro-galvanized wire, poly-coated wire, and stainless steel wire, all manufactured in Japan and Thailand. We use high-quality materials and produce them in our own factories to ensure the optimal performance of the MAX TWINTIER.

	TW1061T	TW1061T-EG	TW1061T-PC	TW1061T-S
Item				
Item Code	TW90631	TW90531	TW90536	TW90536
Ties / carton	Approx 7200 ties: RB443T (13mm x 13mm) Approx 6150 ties: RB613T (16mm x 16mm)		Approx 6300 ties: RB443T (13mm x 13mm) Approx 5100 ties: RB613T (16mm x 16mm)	Approx 7200 ties: RB443T (13mm x 13mm) Approx 6150 ties: RB613T (16mm x 16mm)
Wire material / coating	Annealed steel annealed steel	Electro-galvanized steel	Poly-coated steel	Stainless steel
Wire diameter	1.0 mm		1.1 mm	1.0 mm
Coil / carton	30			
Applicable tools	RB441T, RB443T, RB611T, RB613T, RB401T-E, RB823T			
Production country	Thailand	Japan		

## TW898 Series for MAX REBAR TIER

	TW898	TW898-EG	TW898-PC
Item			
Item Code	TW90514	TW90516	TW90518
Ties / carton	Approx. 6000 ties		
Wire material / coating	Annealed steel annealed steel	Electro-galvanized steel	Poly-coated steel
Wire diameter	0.8 mm		
Coil / carton	50		
Applicable tools	RB397, RB397-N, RB398, RB398S, RB217, RB217-N, RB218, RB517, RB517-N, RB518		
Production country	Japan		



**MAX TW1061T Series Tie Wire are patented AUS 2016294893 / NZ 738528.**

MAX TW1061T Series Tie Wire are patented. AUS 2016294893 / NZ 738528. All patent-infringing products hinders fair trading and will not be tolerated. Use of non-TW1061T Series Tie Wire can result in serious problem that obstructs proper mechanical tool operation. Furthermore, the intended tying performance cannot be ensured. Make sure to only use TW1061T Series items in all MAX TWINTIER. Any tools using non-TW1061T-Series Tie Wire can be declined repair service.




Cordless Wire Mesh Cutter  
up to 8mm

# WMC80

## Features



 **0.7 sec**  
8mm mesh: 0.7 sec per cut

 **2.8 kg**  
Weight with battery

 **1,000 cuts**  
Approx. 1,000 cuts per charge

## Replacement blade

Model name	WMC80 Blades
Item Code	PJ99939
Package	2 blades (upper and lower) / set
Production country	Japan



Model name	WMC80
Item Code	PJ99937
Dimensions	H140 x W80 x L430mm
Item Weight	2.8kg
Battery	JPL91450A
Charger	JC925A
Battery charge time	80% charged 60 min 100% fully charged 80 min
Applicable mesh size	Single mesh: 3 - 8mm Double layered mesh: 3 x 3mm - 6 x 6mm
Cuts per charge	Approx. 1000 cuts
Cut speed	0.7 sec
Accessories	Safety glasses, Carry Case, Belt hook
Production country	Japan



Cordless Brushless  
Rebar Cutter

# PJRC160-N

Model name	PJRC160-N
Item Code	PJ99926
Dimensions	H228 x W100 x L389mm
Item Weight	7.6kg
Battery	JPL92550A (25.2V 5.0Ah)
Charger	JC925A

Battery charge time	80% charged 80min 100% fully charged 100min
Applicable Rebar Size	Up to 16mm
Cuts per charge (16mm)	310
Cut Speed	3.3 sec
Production country	Japan

## Li-ion battery / Li-ion battery charger

Item	Li-ion battery for Rebar tier series JPL91450A 	Li-ion battery for Rebar cutter JPL92550A 	Li-ion battery charger JC925A 
Model name	JPL91450A 14.4V Battery	JPL92550A 25.2V Battery	JC925A Battery Charger
Item Code	PJ99947	PJ99946	PJ99947
Item Weight	0.5kg	0.9kg	0.7kg
Battery charge time	80% charged 60min 100% fully charged 80min	80% charged 80min 100% fully charged 100min	-
Nominal voltage	DC14.4V(3.6V x 4 cells)	DC25.2V	-
Nominal capacity	4.9Ah	4.9Ah	-
Applicable battery	-	-	JPL91440A, JPL91450A, JPL92550A
Input	-	-	AC 100 - 240V 50/60Hz 2.2A
Charging temperature	5 - 40°C	5 - 40°C	-
Operating temperature range	0 - 40°C	0 - 40°C	5 - 40°C

# SMALL BODY, MAXIMUM POWER — AIR ONLY

**21% Smaller**

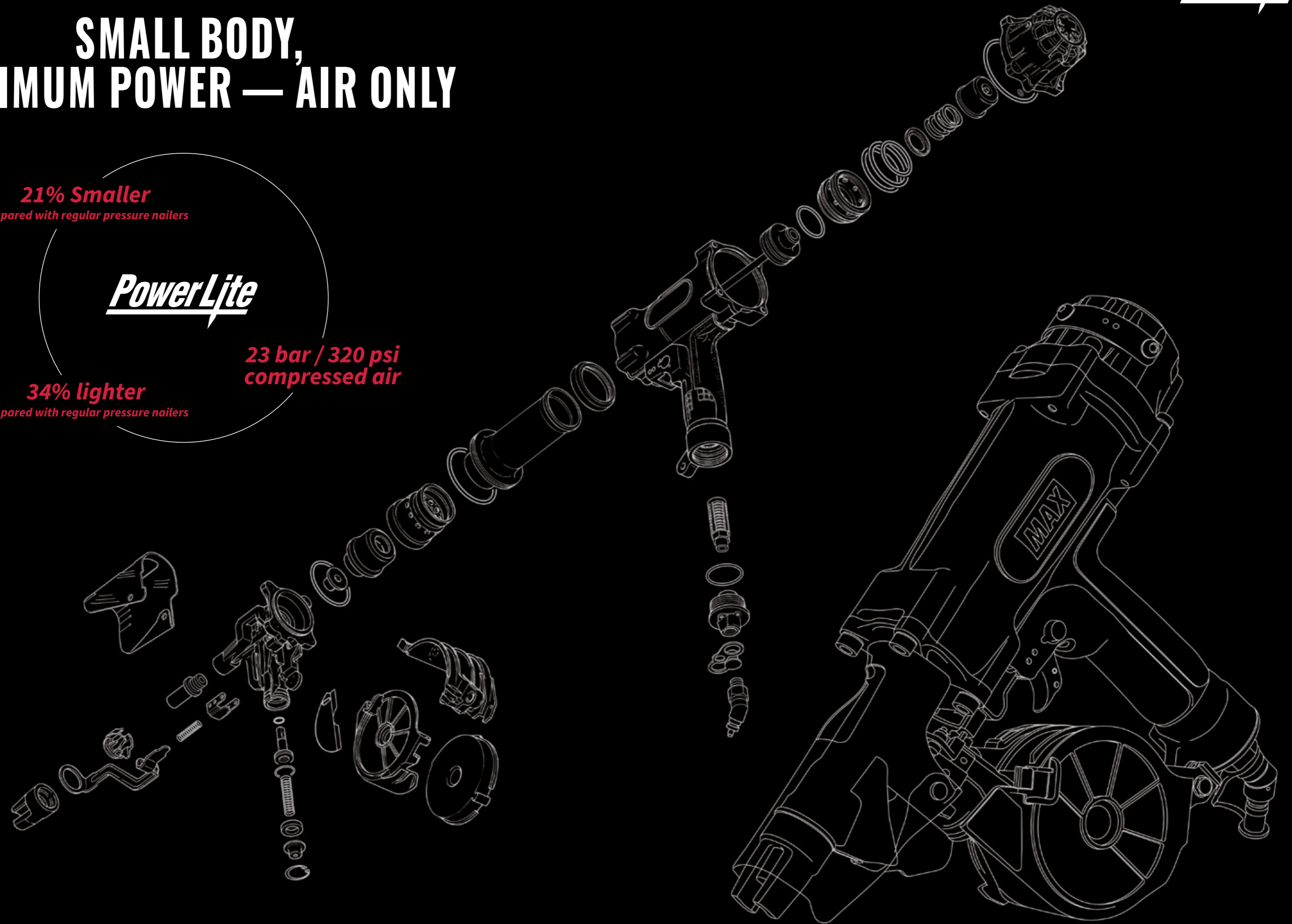
*compared with regular pressure nailers*

***PowerLite***

**34% lighter**

*compared with regular pressure nailers*

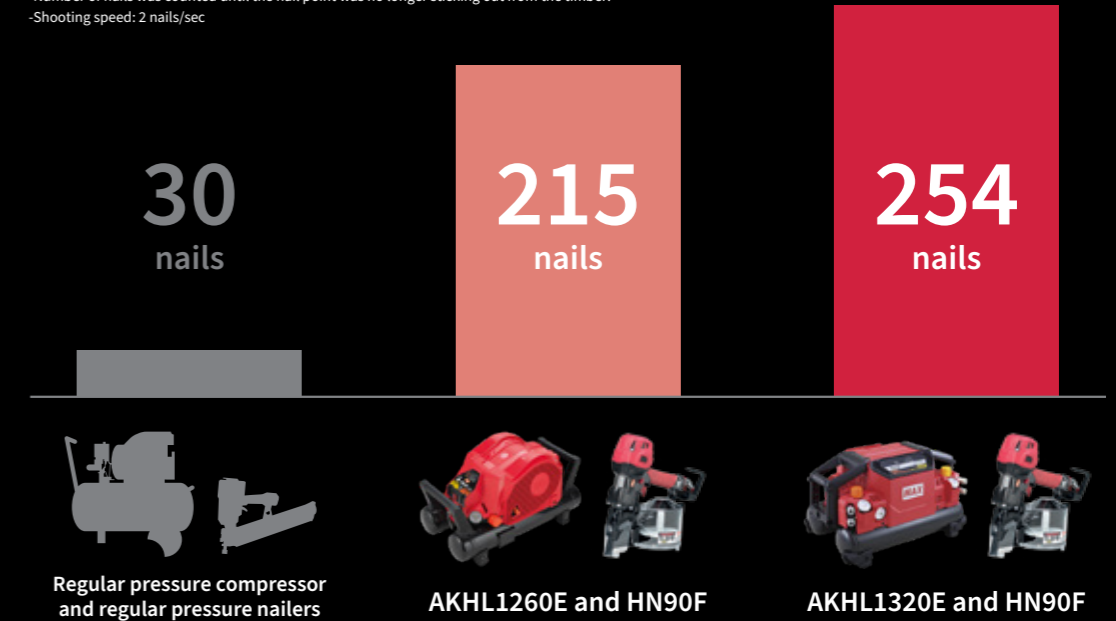
**23 bar / 320 psi  
compressed air**





### Chart comparing number of strokes possible

\*Based on our internal test/simulation.  
 •Application: t15mm plywood + t38mm timber + t38mm wood  
 •Fastener: φ3.1/90mm screw shank nail (150nails/coil)  
 •45sec interval time was taken for replacing a coil of nails.  
 •Tool: HN90F (operating air pressure 17 bar)  
 •Number of nails was counted until the nail point was no longer sticking out from the timber.  
 •Shooting speed: 2 nails/sec



## High Pressure Air Compressor AKHL1320E



## High Pressure Extra Air Tank AKTH15



Model name	AKHL1320E
Item Code	AK98281
Dimensions	H336 x W351 x L573mm
Item Weight	17.6kg
Air Tank Capacity	345L (34.5 bar x 10L)
Air Tank size	10L
Power supply	230V / +10% 50Hz +1%
Rate Current	6.5A
Lubrication Type	Oil-less
Horsepower (HP)	2

Motor	Brushless motor
Motor Power	2HP
Motor RPM	2,450 (Power mode)/ 1,400 (Quiet mode)
Sound Pressure Level "LpA"(1m)	67.0dB
Max working pressure	34.5 bar / 500 psi
Working temperature	0°C - 40°C
Number of outlet	High pressure - 2 outlets Regular pressure - 2 outlets

Model name	AKTH15 Extra air tank
Item Code	AK98340
Dimensions	H202 x W429 x L540mm
Item Weight	9kg
Air Tank Capacity	517L (34.5 bar x 15L)
Air Tank size	15L
Max working pressure	34.5 bar / 500 psi
Applicable compressor	AKHL1320E



### Features

Expand air volume with attaching extra tank.



2 operating mode (Power / Quiet).  
Quiet mode: 67dB



Inverter controls power supply for working at cold, low voltage circumstance.



### High pressure air hose



Model name	SD630A2 High pressure air hose with drum
Item Code	AH99880
Length	30m
Inner diameter	6.0mm



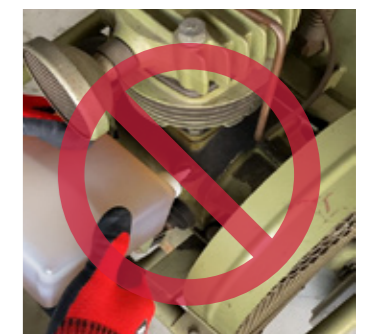
Model name	KH6x30 High pressure air hose
Item Code	AH96200
Length	30m
Inner diameter	6.0mm

### Advantages of the MAX high pressure mechanism

**Just 17.6kg**  
Easy to carry



**Oil free**  
Less maintenance required





Only  
2.9kg



High Pressure Concrete / Steel Pinner

# HN120

**No Powder Needed**  
**Up to 65mm pins to concrete and steel**

Applications  
Concrete, Steel

## Features

Large Load Capacity Magazine with adjustable plate for the different fastener sizes.



14-32 mm

38-65 mm

3 different no-mar rubber tips



Metal track to concrete

Wood track to concrete

Metal track to steel



Model name	HN120
Item Code	HN92050
Dimensions	H400 x W85 x L315mm
Item Weight	2.9kg
Accessories	Safety glasses, Nose attachments, Carry case
Applicable fasteners	Max CP-W8, CAP, CCP series
Operating Pressure	12-23 bar
Magazine Capacity	50 pins
Application	Timber to steel (<12mm), Timber to concrete Metal truck to steel (<12mm)
Air consumption(at 18 bar)	4.7L
Trigger Type	Sequential Fire Trigger
Power Type	Pneumatic 23 bar

	Nail length	Nail diameter	Head diameter
Plastic collation	14 - 65mm	2.9 - 3.4mm	8mm

# MAX Concrete / Steel pins for HN120

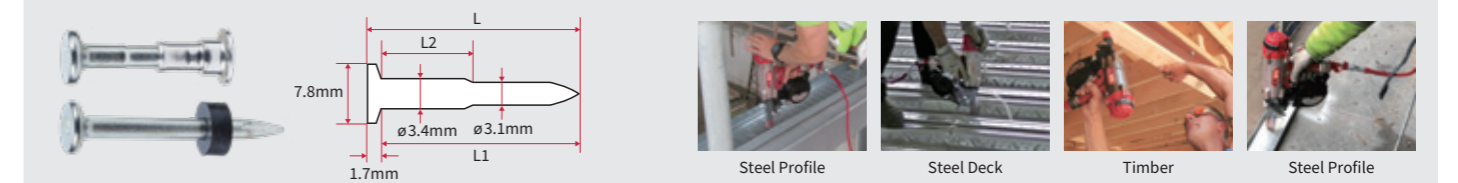
Approval

ICC-ES ESR-4320  
ETA-20/0096 of 2007/02/17



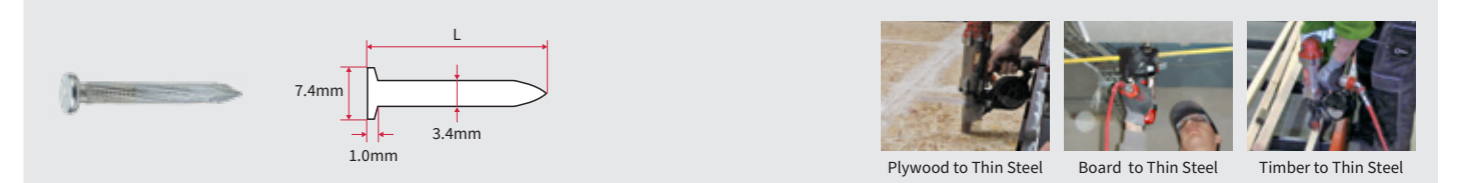
## CPW8 SERIES -For Steel and Hard concrete Application-

Item code	Item name	L (mm)	L1 (mm)	L2 (mm)	Shank dia (mm)	Shank	Head dia (mm)	Thickness of head	Material	Hardness	Surface treatment	Nail point	Guide	Pins / Coil	Pins / Carton	Steel			
																Concrete	<4.5mm	<6mm	<10mm
CP90524	CP-W814W4SP AL	16	14.3	5	3.4	Stepped	7.8	1.7	Carbon Steel "SP"	HRC56	Zinc coating >5µm	Ballistic	Aluminium	50	1000	■	■	■	■
CP90525	CP-W816W4SP AL	18	16.3	7.3	3.4	Stepped	7.8	1.7	Carbon Steel "SP"	HRC56	Zinc coating >5µm	Ballistic	Aluminium	50	1000	■	■	■	■
CP90526	CP-W820W4SP AL	22	20.3	7.3	3.4	Stepped	7.8	1.7	Carbon Steel "SP"	HRC56	Zinc coating >5µm	Ballistic	Aluminium	50	1000	■	■	■	■
CP90528	CP-W823W4SP AL	25	23.3	7.3	3.4	Stepped	7.8	1.7	Carbon Steel "SP"	HRC56	Zinc coating >5µm	Ballistic	Aluminium	50	1000	■	■	■	■
CP90527	CP-W823W4SP	25	23.3	7.3	3.4	Stepped	7.8	1.7	Carbon Steel "SP"	HRC56	Zinc coating >5µm	Ballistic	Plastic	50	1000	■	■	■	■
CP90529	CP-W828W4SP	30	28.3	20.3	3.4	Stepped	7.8	1.7	Carbon Steel "SP"	HRC56	Zinc coating >5µm	Ballistic	Plastic	50	1000	■	■	■	■
CP90530	CP-W833W4SP	35	33.3	20.3	3.4	Stepped	7.8	1.7	Carbon Steel "SP"	HRC56	Zinc coating >5µm	Ballistic	Plastic	50	1000	■	■	■	■
CP90531	CP-W838W4SP	40	38.3	25.3	3.4	Stepped	7.8	1.7	Carbon Steel "SP"	HRC56	Zinc coating >5µm	Ballistic	Plastic	50	1000	■	■	■	■
CP90532	CP-W843W4SP	45	43.3	25.3	3.4	Stepped	7.8	1.7	Carbon Steel "SP"	HRC56	Zinc coating >5µm	Ballistic	Plastic	50	1000	■	■	■	■
CP90533	CP-W848W4SP	50	48.3	37.3	3.4	Stepped	7.8	1.7	Carbon Steel "SP"	HRC56	Zinc coating >5µm	Ballistic	Plastic	50	1000	■	■	■	■
CP90534	CP-W850W4SP	52	50.3	37.3	3.4	Stepped	7.8	1.7	Carbon Steel "SP"	HRC56	Zinc coating >5µm	Ballistic	Plastic	50	1000	■	■	■	■
CP90535	CP-W855W4SP	57	55.3	42	3.4	Stepped	7.8	1.7	Carbon Steel "SP"	HRC56	Zinc coating >5µm	Ballistic	Plastic	50	1000	■	■	■	■
CP90536	CP-W863W4SP	65	63.3	50	3.4	Stepped	7.8	1.7	Carbon Steel "SP"	HRC56	Zinc coating >5µm	Ballistic	Plastic	50	1000	■	■	■	■



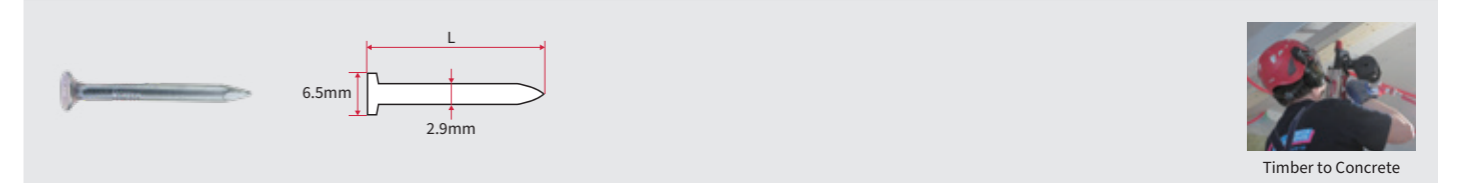
## CAP SERIES -For Steel Application-

ZC99946	CAP27W4-H	27	-	-	3.4	Grooved	7.4	1.0	Carbon Steel	HRC55	Zinc coating >5µm	Diamond	-	50	2000	■	■	■	■
CP91032	CAP32W4-H	32	-	-	3.4	Grooved	7.4	1.0	Carbon Steel	HRC55	Zinc coating >5µm	Diamond	-	50	2000	■	■	■	■
CP91038	CAP38W4-H	38	-	-	3.4	Grooved	7.4	1.0	Carbon Steel	HRC55	Zinc coating >5µm	Diamond	-	50	2000	■	■	■	■
CP91050	CAP50W4-H	50	-	-	3.4	Grooved	7.4	1.0	Carbon Steel	HRC55	Zinc coating >5µm	Diamond	-	50	2000	■	■	■	■



## CCP SERIES -For Concrete Application-

CP90081	CCP32V9-H(40)	32	-	-	2.9	Smooth	6.5	1.0	Carbon Steel	-	Zinc coating >5µm	Diamond	-	50	2000	■	■	■	■
CP90082	CCP38V9-H(40)	38	-	-	2.9	Smooth	6.5	1.0	Carbon Steel	-	Zinc coating >5µm	Diamond	-	50	2000	■	■	■	■
CP90083	CCP45V9-H(40)	45	-	-	2.9	Smooth	6.5	1.0	Carbon Steel	-	Zinc coating >5µm	Diamond	-	50	2000	■	■	■	■
CP90084	CCP50V9-H(40)	50	-	-	2.9	Smooth	6.5	1.0	Carbon Steel	-	Zinc coating >5µm	Diamond	-	50	2000	■	■	■	■
CP90086	CCP65V9-H(40)	65	-	-	2.9	Smooth	6.5	1.0	Carbon Steel	-	Zinc coating >5µm	Diamond	-	50	2000	■	■	■	■





Only  
2.0kg



0°

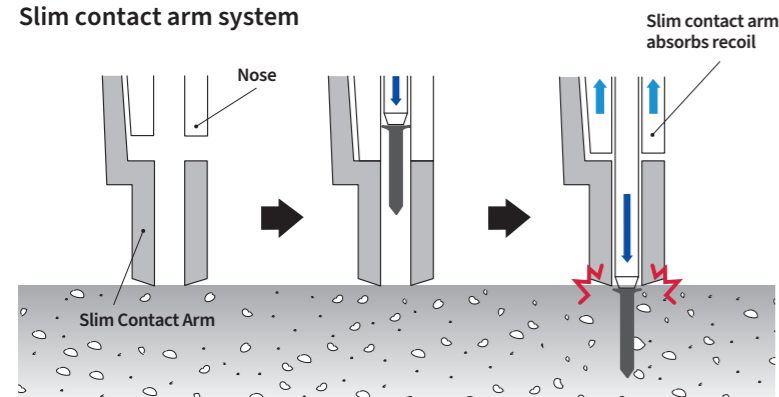
High Pressure Concrete / Steel Pinner

# HN25C2

Applications  
Concrete, Steel

## Features

### Slim contact arm system



### Others

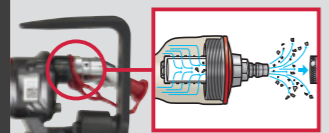
Depth adjustment dial



100 pin large capacity magazine

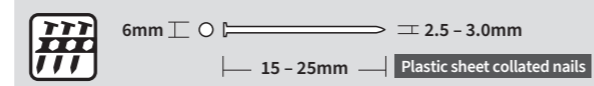


Self-cleaning maintenance free end cap filter



Model name	HN25C2
Item Code	HN92045
Dimensions	H302 x W81 x L300mm
Item Weight	2kg
Accessories	Safety glasses, Carry case
Applicable fasteners	Max CP-W6, CP-C6 series
Operating Pressure	15-23 bar
Magazine Capacity	100 pins
Application	Timber to steel (<5mm), Timber to concrete Metal truck to steel (<5mm), Metal truck to concrete
Air consumption(at 18 bar)	1.6L
Trigger Type	Sequential Fire Trigger
Power Type	Pneumatic 23 bar

	Nail length	Nail diameter	Head diameter
Plastic collation	15 - 25mm	2.5 - 3mm	6mm



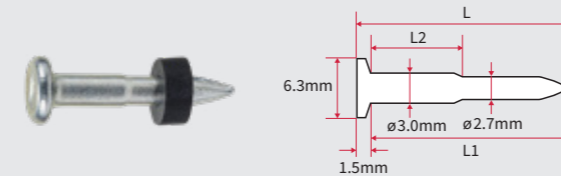
# MAX Concrete / Steel pins for HN25C2

## CPW6 SERIES -For Steel and Hard concrete Application-

Approval  
ICC-ES ESR-4320



Item code	Item name	L (mm)	L1 (mm)	L2 (mm)	Shank dia (mm)	Shank	Head dia (mm)	Thickness of head	Material	Hardness	Surface treatment	Nail point	Guide	Pins / Coil	Pins / Carton	Steel				
																Concrete	<4.5mm	<6mm	<10mm	<12mm
CP90522	CP-W618W0SP	19	17.5	8.5	3	Stepped	6.3	1.5	Carbon Steel "SP"	HRC56	Zinc coating >5µm	Ballistic	Plastic	100	1000	■	■			
CP90523	CP-W624W0SP	25	23.5	8.5	3	Stepped	6.3	1.5	Carbon Steel "SP"	HRC56	Zinc coating >5µm	Ballistic	Plastic	100	1000	■	■			



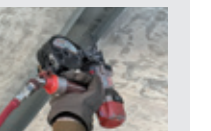
Steel Profile

## CPC6 SERIES -For Concrete Application-

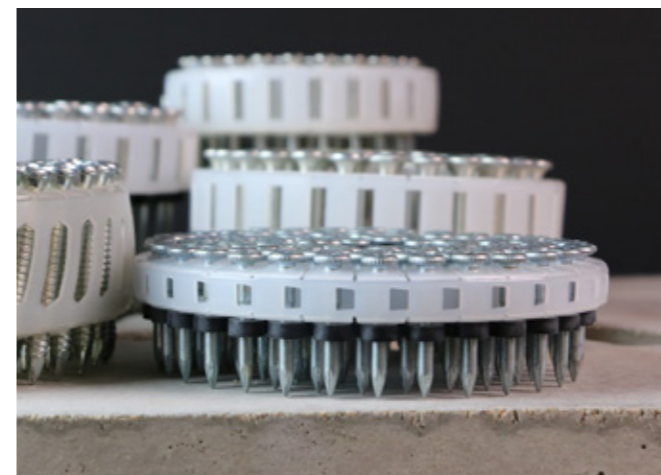
Approval  
ICC-ES ESR-4320



Item code	Item name	L (mm)	L1 (mm)	L2 (mm)	Shank dia (mm)	Shank	Head dia (mm)	Thickness of head	Material	Hardness	Surface treatment	Nail point	Guide	Pins / Coil	Pins / Carton	Steel				
																Concrete	<4.5mm	<6mm	<10mm	<12mm
ZC99993	CP-C615V5SP	15	-	-	2.5	Smooth	6.3	1.0	Carbon Steel "SP"	HRC56	Zinc coating >5µm	Ballistic	Plastic	100	1000	■				
CP91032	CP-C619V6 ICC	19	-	-	2.6	Smooth	6.3	1.2	Carbon Steel	HRC56	Zinc coating >5µm	Ballistic	Plastic	100	1000	■				
CP91038	CP-C622V6	22	-	-	2.6	Smooth	6.3	1.2	Carbon Steel	HRC56	Zinc coating >5µm	Ballistic	Plastic	100	1000	■				
CP91050	CP-C624V6-ICC	25	-	-	2.6	Smooth	6.3	1.2	Carbon Steel	HRC56	Zinc coating >5µm	Ballistic	Plastic	100	1000	■				



Steel Profile





High Pressure Screw Pinner

# HN40SP1

**NEW**

Only  
2.8kg

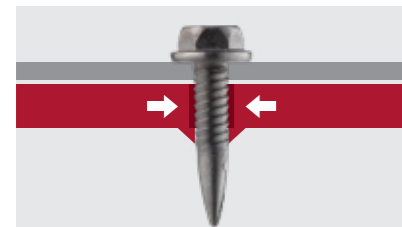
Quick and efficient screw fastening.

Up to 3.2mm steel frame

Applications  
Steel frame,  
Metal exterior wall

## Features

### Stronger pull-out strength

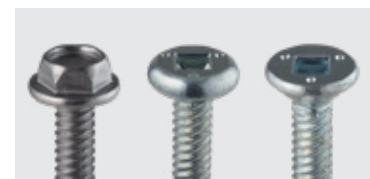


**Strong Grip with Burring Effect**  
The driving action forms a slight bulge in the steel for enhanced holding strength.

### Clean Penetration, Powerful Tightening

HN40SP1 design reduces chips—steel contracts around the pin, ensuring exceptional pull-out resistance.

### Removable screws



Available in hex, flat pan and countersunk head types, all removable with a screwdriver.

### Cleaner work, lower rust risk.



HN40SP1 reduces swarf contamination, keeping the work area clean and minimizing the risk of rust compared with self-drilling screws.

### 4 different nose attachments.

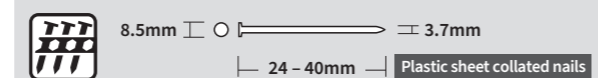


For thin material    For thin material    For thick material    With vertical driving guide



Model name	HN40SP1
Item Code	HN99100
Dimensions	H332 x W132 x L279mm
Item Weight	2.8kg
Accessories	Contact Tip 14L, Contact Tip 23L, Contact Tip 23S, Contact Tip 23S with Vertical Guide, Nail support (Red, White)
Applicable fasteners	Max SP Screw pin series
Operating Pressure	12–23 bar
Magazine Capacity	100 pins
Applications	Plywood to steel, Thin steel to steel
Air consumption(at 23 bar)	2.2L
Trigger Type	Sequential Fire Trigger
Power Type	Pneumatic 23 bar

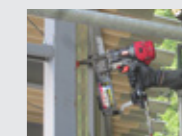
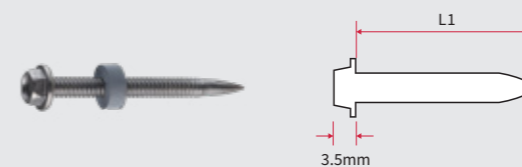
	Nail length	Nail diameter	Head diameter
Plastic collation	24 – 40mm	3.7mm	8.5mm



# MAX Screw pins for HN40SP1

## HEX HEAD Screw pins

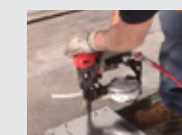
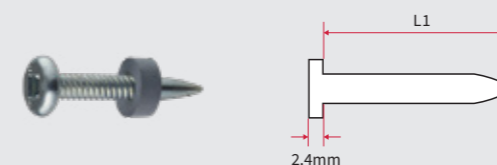
Item code	Item name	L (mm)	L1 (mm)	Head	Shank dia (mm)	Head dia (mm)	Thickness of head	Material	Surface treatment	Nail point	Guide	Pins / Coil	Pins / Carton	Steel				
														<3.2mm	<4.5mm	<6mm	<10mm	<12mm
SP99004	SP-H3740R-S		40	Hex(6mm)	3.7	8.5	3.5	Stainless steel	-	Ballistic	Rubber	100	1000	■				
SP99005	SP-H3724R-S		24	Hex(6mm)	3.7	8.5	3.5	Stainless steel	-	Ballistic	Rubber	100	1000	■				



Metal Exterior Wall

## FLAT PAN HEAD Screw pins

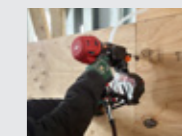
Item code	Item name	L (mm)	L1 (mm)	Head	Shank dia (mm)	Head dia (mm)	Thickness of head	Material	Surface treatment	Nail point	Guide	Pins / Coil	Pins / Carton	Steel				
														<3.2mm	<4.5mm	<6mm	<10mm	<12mm
SP99006	SP-F3740R-S		40	Flat pan head(#2)	3.7	8.5	2.4	Stainless steel	-	Ballistic	Rubber	100	1000	■				
SP99007	SP-F3724R-S		24	Flat pan head(#2)	3.7	8.5	2.4	Stainless steel	-	Ballistic	Rubber	100	1000	■				
SP99001	SP-F3724R		24	Flat pan head(#2)	3.7	8.5	2.4	Carbon Steel	Zinc coating >5µm	Ballistic	Rubber	100	1000	■				
SP99017	SP-F3734R		34	Flat pan head(#2)	3.7	8.5	2.4	Carbon Steel	Zinc coating >5µm	Ballistic	Rubber	100	1000	■				



Light Steel

## COUNTERSUNK Screw pins

Item code	Item name	L (mm)	L1 (mm)	Head	Shank dia (mm)	Head dia (mm)	Thickness of head	Material	Surface treatment	Nail point	Guide	Pins / Coil	Pins / Carton	Steel				
														<3.2mm	<4.5mm	<6mm	<10mm	<12mm
SP99018	SP-C3737R		37	Countersunk	3.7	8.5	3.6	Carbon Steel	Zinc coating >5µm	Ballistic	Rubber	100	1000	■				
SP99019	SP-C3737		37	Countersunk	3.7	8.5	3.6	Carbon Steel	Zinc coating >5µm	Ballistic	No	100	1000	■				
SP99020	SP-C3732R		32	Countersunk	3.7	8.5	3.6	Carbon Steel	Zinc coating >5µm	Ballistic	Rubber	100	1000	■				
SP99021	SP-C3732		32	Countersunk	3.7	8.5	3.6	Carbon Steel	Zinc coating >5µm	Ballistic	No	100	1000	■				



Plywood



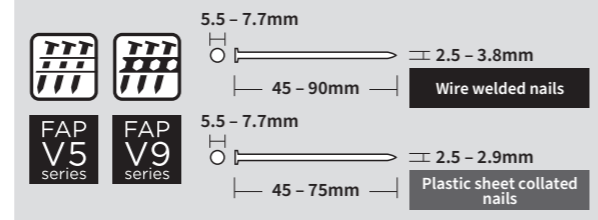
### High Pressure Framing Coil Nailer

# HN90F



Model name	HN90F
Item Code	HN91062
Dimensions	H331 x W126 x L298mm
Item Weight	2.6kg
Accessories	Safety glasses, Carry case
Operating Pressure	12-23 bar
Magazine Capacity	300 nails
Compatible fastener types	Flat wire welded nails, flat plastic sheet collated nails
Air consumption(at 18bar)	3.4L
Trigger Type	Anti-Double Fire Trigger
Power Type	Pneumatic 23 bar

	Nail length	Nail diameter	Head diameter
Wire collation	45 - 90mm	2.5 - 3.8mm	5.5 - 7.7mm
Plastic collation	45 - 75mm	2.5 - 2.9mm	



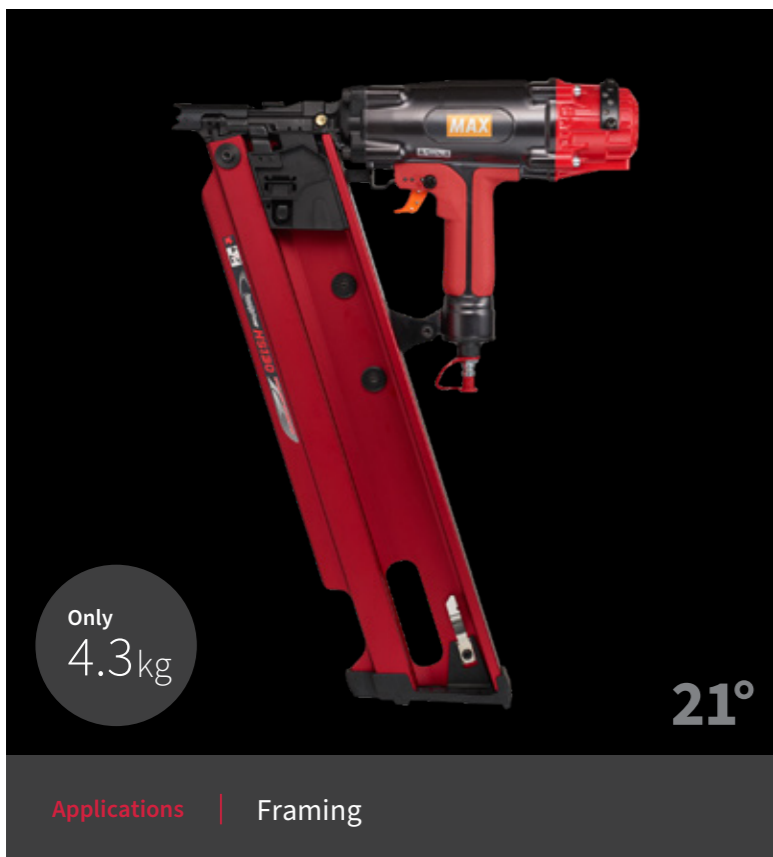
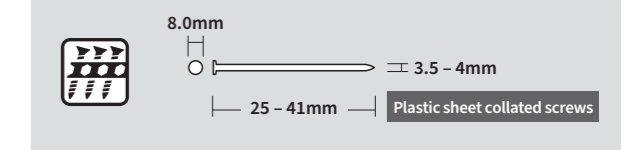
### High Pressure Turbo Screw Driver

# HVR41G4



Model name	HVR41G4
Item Code	FS95468
Dimensions	H312 x W116 x L300mm
Item Weight	1.9kg
Accessories	Safety glasses, Carry case
Operating Pressure	18-23 bar
Magazine Capacity	100 screws
Application	Drywall to metal truck, Drywall to timber
Air consumption(at 18bar)	1.9L
Trigger Type	Sequential Fire Trigger
Power Type	Pneumatic 23 bar

	Screw length	Screw diameter	Head diameter
Plastic collation	25 - 41mm	3.5 - 4mm	8.0mm



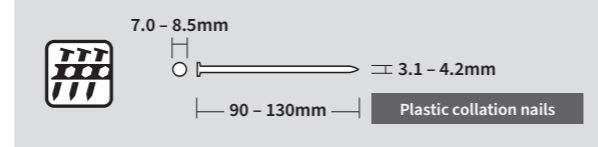
### High Pressure Framing Stick Nailer

# HS130



Model name	HS130
Item Code	HS90300
Dimensions	H426 x W85 x L571mm
Item Weight	4.3kg
Accessories	Safety glasses
Operating Pressure	17-23 bar
Magazine Capacity	64 nails
Compatible fastener types	Full Round Head stick nails
Air consumption(at 18bar)	5.4L
Trigger Type	Sequential Fire Trigger
Power Type	Pneumatic 23 bar

	Nail length	Nail diameter	Head diameter
Plastic collation	90 - 130mm	3.1 - 4.2mm	7.0 - 8.5mm



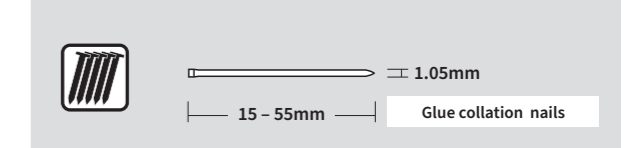
### High Pressure 18ga Brad Nailer

# HA55SF2



Model name	HA55SF2/18
Item Code	HA99008
Dimensions	H232 x W63 x L261mm
Item Weight	1.2kg
Accessories	Safety glasses, Carry case
Operating Pressure	10-23 bar
Magazine Capacity	100 nails
Brad nail / Staple Gauge	18ga
Compatible fastener types	Brad nails
Air consumption(at 18bar)	1.16L
Trigger Type	Sequential Fire Trigger
Power Type	Pneumatic 23 bar

	Nail length
Glue collation	15 - 55mm





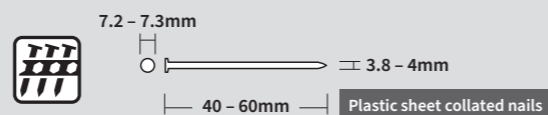
High Pressure Metal Connector Coil Nailer

# HN65J2



Model name	HN65J2
Item Code	HN92061
Dimensions	H299 x W109 x L298mm
Item Weight	2.1kg
Accessories	Safety glasses, Carry case
Applicable fasteners	Z-FCP series
Operating Pressure	12-23 bar
Magazine Capacity	100 nails
Compatible fastener types	Flat plastic sheet collated nails
Air consumption(at 18bar)	1.4L
Trigger Type	Sequential Fire Trigger
Power Type	Pneumatic 23 bar

	Nail length	Nail diameter	Head diameter
Plastic collation	40 - 60mm	3.8 - 4mm	7.2 - 7.3mm



# MAX Metal Connector Nails for HN65J2

ZFCP

Item code	Item name	L(mm)	Shank dia (mm)	Shank	Head dia(mm)	Thickness of head	Surface treatment	Nail point	Pins / Coil	Pins / Carton
FP96071	Z-FCP40W3EG	40	3.3	Smooth	7.2	1.5	Electro Galvanized	Diamond	100	2000
FP96072	Z-FCP40W8EG	40	3.8	Smooth	7.2	1.5	Electro Galvanized	Diamond	100	2000
FP96082	Z-FCP40W8HD	40	3.8	Smooth	7.2	1.5	Hot Dip Galvanized	Diamond	100	2000
FP96073	Z-FCP65W8EG	65	3.8	Smooth	7.2	1.5	Electro Galvanized	Diamond	100	2000
FP96083	Z-FCP65W8HD	65	3.8	Smooth	7.2	1.5	Hot Dip Galvanized	Diamond	100	2000



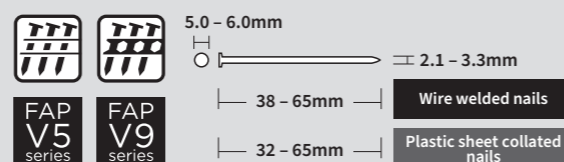
High Pressure Siding Coil Nailer

# HN65S



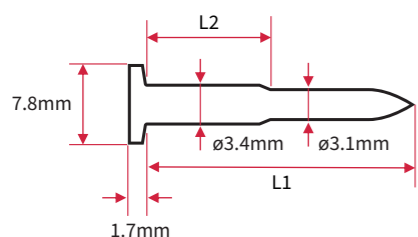
Model name	HN65S
Item Code	HN92063
Dimensions	H304 x W126 x L298mm
Item Weight	2.1kg
Accessories	Safety glasses, Nose attachment, Carry case
Operating Pressure	12-23 bar
Magazine Capacity	400 nails
Compatible fastener types	Flat wire welded nails, flat plastic sheet collated nails
Air consumption(at 18bar)	1.7L
Trigger Type	Anti-Double Fire Trigger
Power Type	Pneumatic 23 bar

	Nail length	Nail diameter	Head diameter
Wire collation	38 - 65mm	2.1 - 3.3mm	5.0 - 7.0mm
Plastic collation	32 - 65mm		



# High Grade Pins for Concrete and Steel

## Production data



Item name	L1	L2	Guide
CP-W814W4SP AL	14.3	5	Aluminum
CP-W816W4SP AL	16.3	7.3	Aluminum
CP-W820W4SP AL	20.3	7.3	Aluminum
CP-W823W4SP AL	23.3	7.3	Aluminum
CP-W823W4SP	23.3	7.3	Plastic
CP-W828W4SP	28.3	20.3	Plastic
CP-W833W4SP	33.3	20.3	Plastic
CP-W838W4SP	38.3	25.3	Plastic
CP-W843W4SP	43.3	25.3	Plastic
CP-W848W4SP	48.3	37.3	Plastic
CP-W850W4SP	50.3	37.3	Plastic

### General Information

**Material :** Carbon Steel "SP"  
**Hardness :** > HRC56  
**Zinc coating** > 5µm  
**Reaction to fire**

The pins are made from steel classified as Euroclass A1 in accordance with EN13501-1 and Commission Delegated Regulation 2016/364

### Tool

**PowerLite** HN120



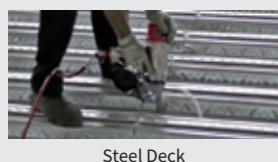
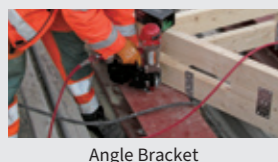
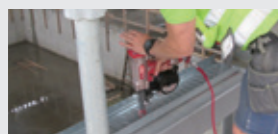
### Approvals

ETA-20/0096 of 2007/02/17  
 ICC-ES ESR-4320

## Applications

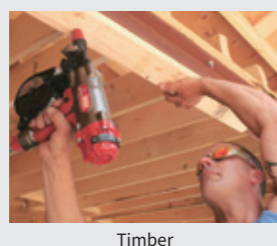
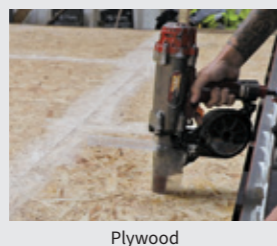
### Light Steel to Steel

CP-W814W4SP AL  
 CP-W816W4SP AL  
 CP-W820W4SP AL  
 CP-W823W4SP AL  
 CP-W823W4SP



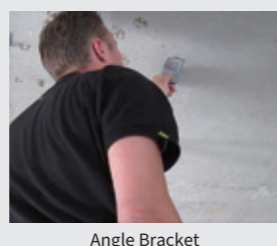
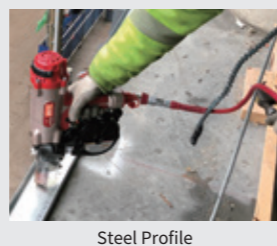
### Timber to Steel

CP-W828W4SP  
 CP-W833W4SP  
 CP-W838W4SP  
 CP-W843W4SP  
 CP-W848W4SP  
 CP-W850W4SP



### Light Steel to Concrete

CP-W814W4SP AL  
 CP-W816W4SP AL  
 CP-W820W4SP AL  
 CP-W823W4SP AL  
 CP-W823W4S



### Timber to Concrete

CP-W823W4SP AL  
 CP-W823W4SP  
 CP-W828W4SP  
 CP-W833W4SP  
 CP-W838W4SP  
 CP-W843W4SP  
 CP-W848W4SP  
 CP-W850W4SP

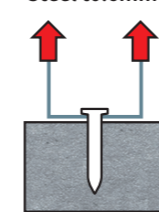


# Fastening to Concrete

## Characteristic Loads

### Test result

Steel t0.6mm



Concrete C20/25

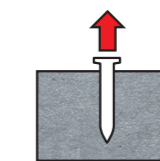
### Maximum Load (kN)

	CP-W823W4SP AL	
1	1.32	Pull out
2	1.63	
3	1.34	
4	1.37	
5	1.38	
6	1.21	
Ave.	1.38	

Characteristic Loads (kN)

0.95

### Test result



Concrete C20/25

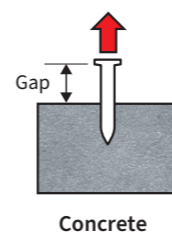
### Maximum Load (kN)

	CP-W838W4SP	
1	3.46	Pull out
2	3.81	
3	3.65	
4	3.21	
5	3.35	
6	3.42	
Ave.	3.48	

Characteristic Loads (kN)

2.82

## Test Data



### Average of Maximum Loads

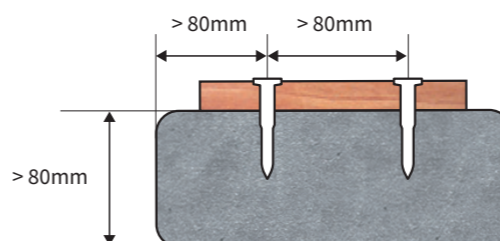
Concrete	CP-W820W4SP AL	
	Gap (mm)	Load (kN)
C20	7.90	1.75
C40	7.00	2.05
C50	7.62	2.10
C60	7.27	2.56

### Average of Maximum Loads

Concrete	CP-W820W4SP AL	
	Gap (mm)	Load (kN)
C20	32.06	2.42
C40	33.21	2.46
C50	32.77	3.25
C60	32.81	2.32

## Application requirements

**Thickness of Concrete:** > 80mm  
**Edge distance:** > 80mm  
**Spacing:** > 80mm



## Pin Selector

Top member	Item name
Water Proof Sheet	CP-W814W4SP AL CP-W816W4SP AL CP-W820W4SP AL
Metal < 1.4mm	
Light gauge Steel < 2.3mm	CP-W820W4SP AL CP-W823W4SP AL
Plywood < 12mm	CP-W828W4SP
Plywood < 18mm	CP-W833W4SP
Plywood < 25mm	CP-W838W4SP
Timber < 38mm	CP-W850W4SP

## Fastening Thin Steel to Steel with CP-W814,816,820,823W4SP AL

### Characteristic Loads

#### Tension resistances (kN)

Thickness of Top material (mm)	Thickness of Base material (mm)						
	3.00	4.00	5.00	6.00	8.00	10.0	12.0
0.70	2.24	2.24	2.24	2.24	2.24	2.24	2.24
0.88	2.84	3.21	3.21	3.21	3.21	3.21	3.21
1.00	2.84	3.48	3.86	3.86	3.86	3.58	3.58
1.25	2.84	3.48	4.38	4.61	4.87	3.58	3.58
1.50	2.84	3.48	4.38	4.61	5.06	3.58	3.58
2.00	2.84	3.48	4.38	4.61	5.06	3.58	3.58
2.50	2.84	3.48	4.38	4.61	5.06	3.58	3.58
3.00	2.84	3.48	4.38	4.61	5.06	3.58	3.58

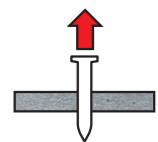
#### Shear resistances (kN)

Thickness of Top material (mm)	Thickness of Base material (mm)						
	3.00	4.00	5.00	6.00	8.00	10.0	12.0
0.70	2.95	2.95	2.95	2.95	2.95	2.95	2.95
0.88	3.29	3.29	3.29	3.29	3.29	3.29	3.29
1.00	3.52	3.52	3.52	3.52	3.52	3.52	3.52
1.25	4.40	4.40	4.40	4.40	4.40	4.40	4.40
1.50	5.28	5.28	5.28	5.28	5.28	5.28	5.28
2.00	5.76	5.76	5.76	5.76	5.76	5.76	5.76
2.50	6.01	6.01	6.01	6.01	6.01	6.01	6.01
3.00	6.26	6.26	6.26	6.26	6.26	6.26	6.26

## Fastening Timber to Steel with CP-W828,833,838,843,848,850W4SP

### Characteristic Loads

#### Test result



Steel t5mm

#### Maximum Load (kN)

	CP-W838W4SP	
1	5.96	Pull out
2	5.74	
3	5.82	
4	5.63	
5	5.79	
6	5.53	
Ave.	5.75	

#### Characteristic Loads (kN)

5.40

## Fastening Timber to Steel with CP-W828,833,838,843,848,850W4SP

### Application requirements

#### Thickness of Steel:

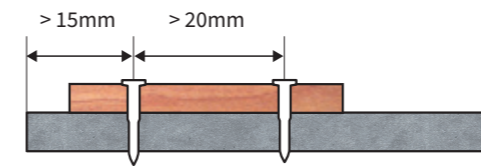
3mm		
4mm		
6mm		
8mm		
10mm		
12mm		
	S235	S355

Red : All Pins

Yellow : Only CP-W814,816W4SP AL

Edge distance: >15mm

Spacing: > 20mm

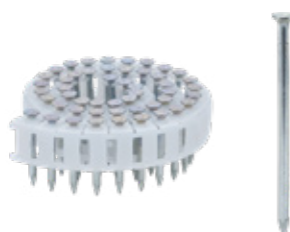
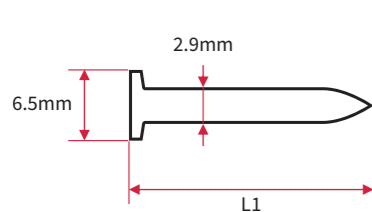


### Pin Selector

Top member	Item name
Metal < 1.4mm	CP-W814W4SP AL
	CP-W816W4SP AL
	CP-W820W4SP AL
	CP-W823W4SP AL
Light gauge Steel < 2.3mm	CP-W820W4SP AL CP-W823W4SP AL
Plywood < 6mm	CP-W823W4SP AL
Plywood < 12mm	CP-W828W4SP
Plywood < 18mm	CP-W833W4SP
Plywood < 25mm	CP-W838W4SP
Timber < 38mm	CP-W850W4SP

# Collated Nails for Concrete

## Production data



### General Information

Material : Carbon Steel  
 Hardness : > HRC56  
 Zinc coating > 5µm

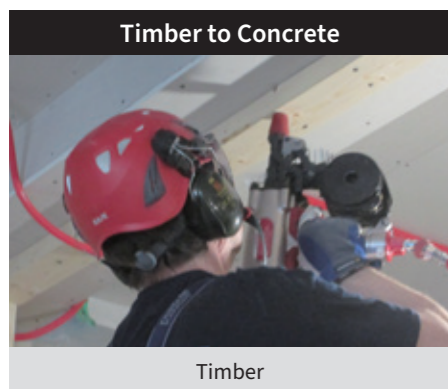
### Tool

**PowerLite**  
 HN120



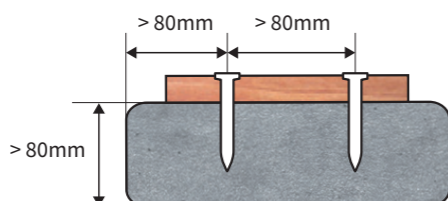
Item name	L1
CCP32V9-H	32.0
CCP38V9-H	38.0
CCP45V9-H	45.0
CCP50V9-H	50.0
CCP60V9-H	60.0
CCP65V9-H	65.0

## Applications



## Application requirements

Thickness of Concrete: > 80mm  
 Edge distance: > 80mm  
 Spacing: > 80mm

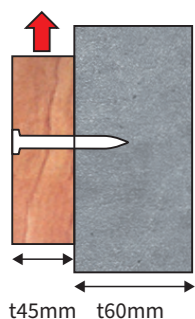


## Pin Selector

Top member	Item name
Plywood < 12mm	CCP32V9-H
Plywood < 18mm	CCP32V9-H CCP38V9-H
Timber(Board) < 25mm	CCP45V9-H
Timber(Board) < 38mm	CCP50V9-H
Timber(Board) < 50mm	CCP65V9-H

## Test Data

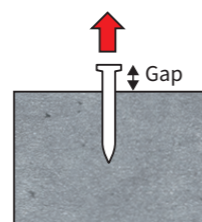
### Shear Test



### Maximum Load

CCP65V9-H		Failure of the timber
	Load (kN)	
1	3.16	
2	5.24	
3	3.42	
4	3.68	
5	3.32	
6	4.66	
7	3.33	
8	3.64	
9	3.48	
10	3.72	
Ave.	3.76	

### Pull Out Test

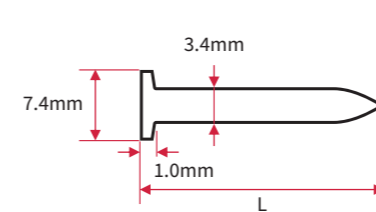


### Maximum Load

CCP65V9-H				Pull out
	MPa	Gap(mm)	Load(kN)	
1	2.0	43.8	7.66	
2	2.4	41.5	7.09	
3	2.4	39.8	8.22	
4	2.4	41.8	4.01	
5	2.4	39.2	5.41	
6	2.4	40.1	0.86	
7	2.4	40.0	6.90	
Ave.	41.2	5.10		

# Collated Galvanize Grooved Shank Nails

## Production data



### General Information

Material : Carbon Steel  
 Hardness : > HRC55  
 Zinc coating > 5µm

### Tool

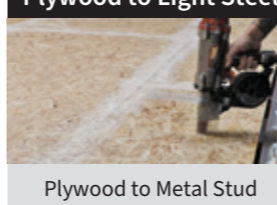
**PowerLite**  
 HN120



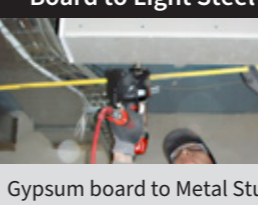
Item name	L
CAP27W4-H	27
CAP32W4-H	32
CAP38W4-H	38
CAP45W4-H	45
CAP50W4-H	50
CAP65W4-H	65

## Applications

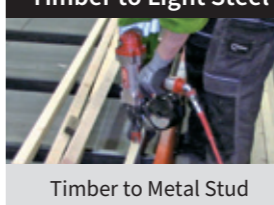
### Plywood to Light Steel



### Board to Light Steel



### Timber to Light Steel

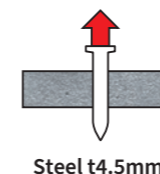


## Application requirements

Thickness of Steel < 4.5mm

## Test Data

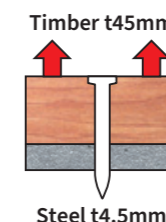
### Pull Out Test



### Maximum Load (kN)

	CAP38W4-H	Failure mode
1	4.98	Pull through
2	6.23	
3	5.89	
4	6.90	
5	5.71	
Ave.	5.94	

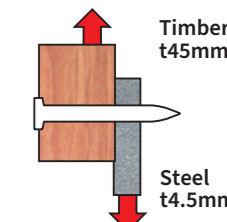
### Pull Through Test



### Maximum Load (kN)

	CAP65W4-H	Failure mode
1	3.37	Pull through
2	3.14	
3	3.84	
4	2.35	
5	2.43	
6	3.55	
7	2.79	
8	3.41	
9	3.18	
10	2.69	
Ave.	3.08	

### Shear Test

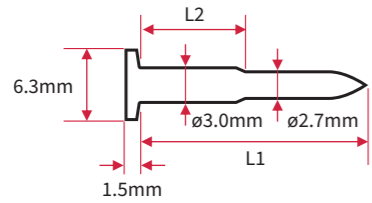


### Maximum Load (kN)

	CAP65W4-H	Failure mode
1	3.41	Failure of the timber
2	3.57	
3	3.65	
4	4.94	
5	3.80	
6	3.74	
7	4.04	
8	3.71	
9	3.73	
10	3.55	
Ave.	3.81	

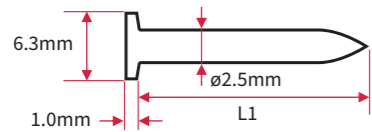
# High Grade Pins for Concrete

## Production data



Plastic guide

Item name	L1	L2	Guide
CP-W618W0SP	17.5	8.5	Plastic
CP-W624W0SP	23.5	8.5	Plastic



Item name	L1	L2	Guide
CP-C615V5SP	15	-	Plastic

### General Information

Material : Carbon Steel "SP"  
 Hardness : > HRC56  
 Zinc coating > 5µm

### Tool

**PowerLite**  
 HN25C,  
 HN25C2



### Approvals

CC-ES ESR-4320 (CP-W618W0SP)

## Applications

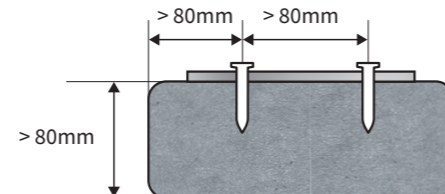


Thin Steel to Concrete

Steel Profile

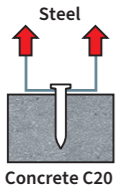
## Application requirements

Thickness of Concrete: > 80mm  
 Edge distance: > 80mm  
 Spacing: > 80mm



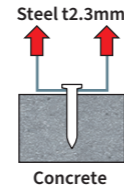
## Fastening to Concrete Test Data

### Pull Out Test



#### Average of Maximum Loads

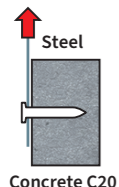
CP-W618W0SP		
Thickness of Top member	Load (kN)	Failure Mode
0.6mm	2.36	Pull through and Pull out
0.8mm	1.78	Pull out
1.2mm	2.20	Pull out



#### Average of Maximum Loads

CP-W618W0SP	
Concrete	Load (kN)
C40	2.63
C50	2.31
C60	2.43

### Shear Test

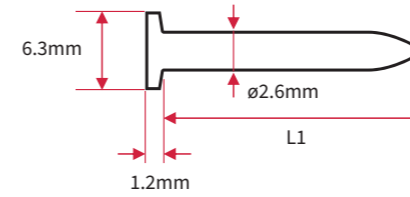


#### Average of Maximum Loads

CP-W618W0SP		
Thickness of Steel	Load (kN)	Failure Mode
0.6mm	3.16	Pull through and Pull out
0.8mm	4.72	Pull out
1.2mm	4.44	Pull out

# Pins for Concrete

## Production data



Plastic guide

Item name	L1	L2	Guide
CP-C619V6	19	-	Plastic
CP-C622V6	22	-	Plastic

### General Information

Material : Carbon Steel  
 Hardness : > HRC55  
 Zinc coating > 5µm

### Tool

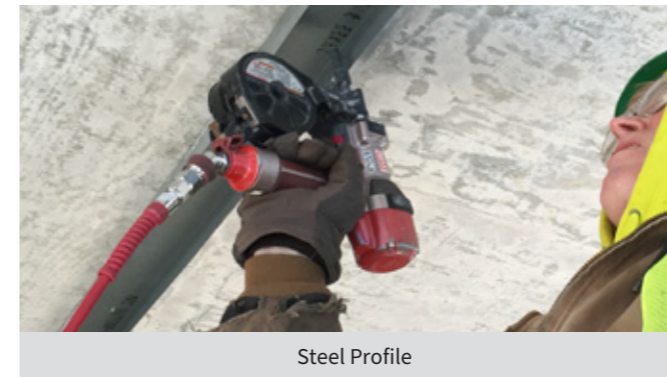
**PowerLite**  
 HN25C,  
 HN25C2



### Approvals

ICC-ES ESR-4320 (CP-C619V6)

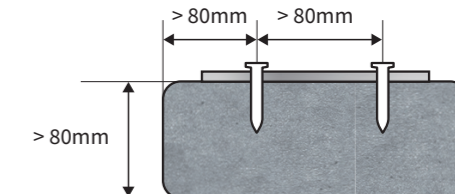
## Applications



Steel Profile

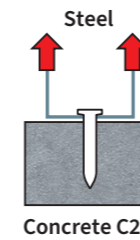
## Application requirements

**Thin Steel to Concrete**  
 Thickness of Concrete: > 80mm  
 Edge distance: > 80mm  
 Spacing: > 80mm



## Fastening to Concrete Test Data

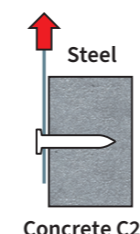
### Pull Out Test



#### Average of Maximum Loads

CP-C619V6		
Thickness of Steel	Load (kN)	Failure Mode
0.6mm	2.31	Pull through and Pull out
0.8mm	3.01	Pull through and Pull out
1.2mm	2.90	Pull out

### Shear Test

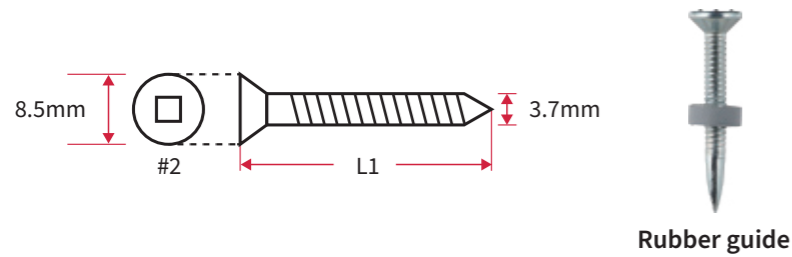


#### Average of Maximum Loads

CP-C619V6		
Thickness of Steel	Load (kN)	Failure Mode
0.6mm	3.40	Pull through and Pull out
0.8mm	4.50	Pull through and Pull out
1.2mm	4.75	Pull out

# Countersunk Head Screw pins

## Production data



Item name	L1	Guide
SP-C3732R	32	Rubber guide
SP-C3732	32	None
SP-C3737R	37	Rubber guide
SP-C3737	37	None

### General Information

Material : Carbon steel  
 Hardness : HRC49  
 Zinc coating 5µm

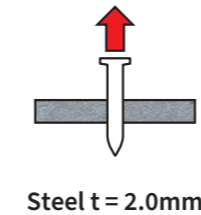
### Tool



## Test Data

These results are based on internal testing and are provided for reference purposes only. They do not constitute a guarantee of performance.

### Test result



Steel t = 2.0mm

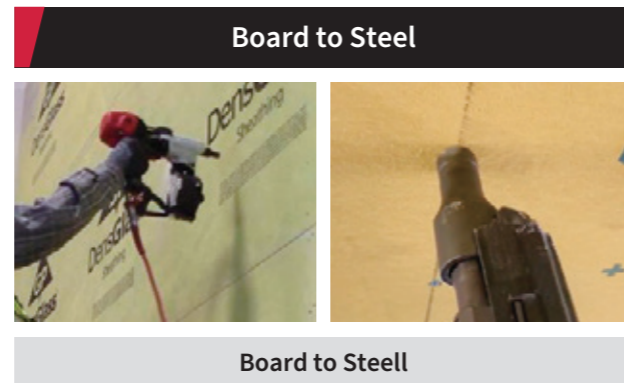
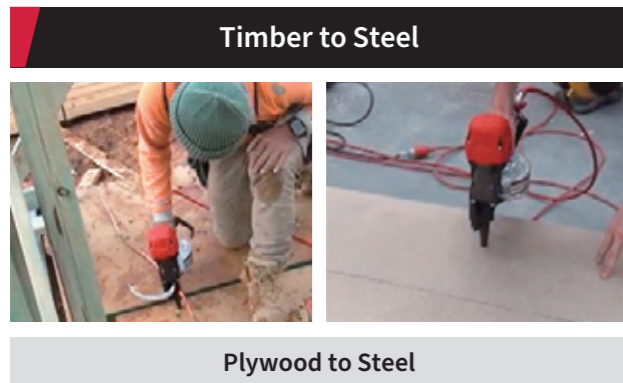
Maximum Loads		
SP-C3732R		
	Load (kN)	
1	5,536	Pull out
2	5,083	
3	5,075	
4	5,345	
5	4,755	
Ave.	<b>5,159</b>	

Maximum Loads		
SP-C3737R		
	Load (kN)	
1	5,491	Pull out
2	5,638	
3	5,525	
4	5,445	
5	5,518	
Ave.	<b>5,523</b>	

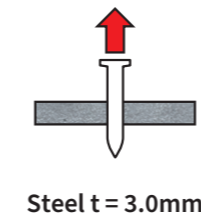
Maximum Loads		
Self Drilling Screw		
	Load (kN)	
1	3,824	Pull out
2	3,789	
3	3,722	
4	3,910	
5	3,912	
Ave.	<b>3,831</b>	

Screw diameter : 5mm / No.10  
 Screw length : 37mm

## Applications



### Test result



Steel t = 3.0mm

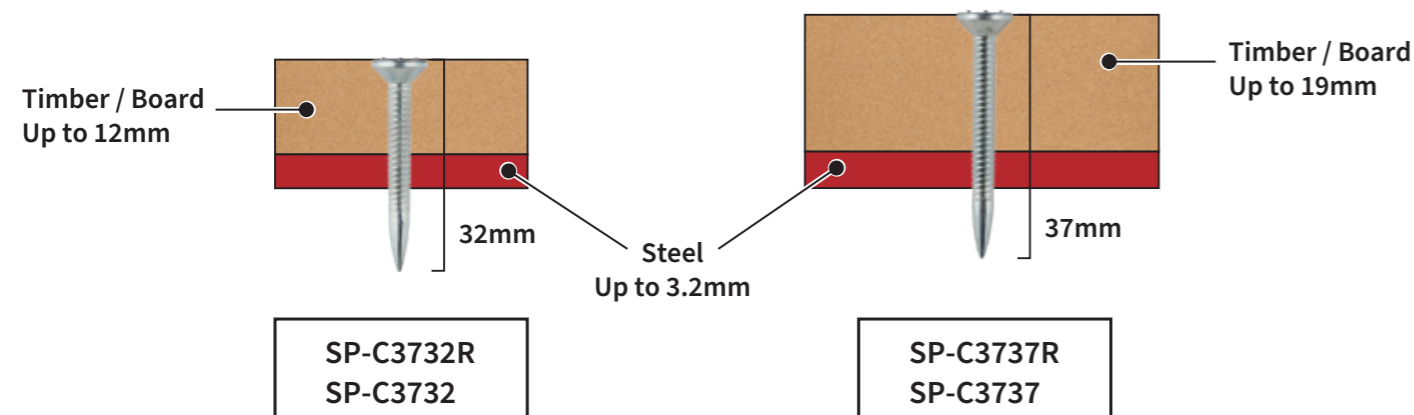
Maximum Loads		
SP-C3732R		
	Load (kN)	
1	6,637	Pull out
2	6,375	
3	7,075	
4	7,014	
5	6,860	
Ave.	<b>6,792</b>	

Maximum Loads		
SP-C3737R		
	Load (kN)	
1	7,475	Pull out
2	7,068	
3	7,359	
4	7,839	
5	7,581	
Ave.	<b>7,464</b>	

Maximum Loads		
Self Drilling Screw		
	Load (kN)	
1	6,193	Pull out
2	6,192	
3	6,213	
4	6,534	
5	6,593	
Ave.	<b>6,345</b>	

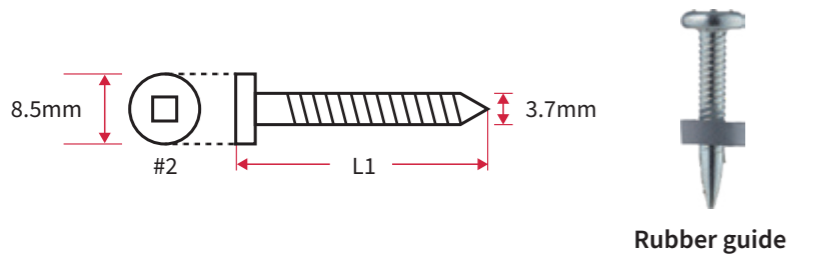
Screw diameter : 5mm / No.10  
 Screw length : 37mm

## Applications and Pins Selector



# Flat Pan Head Screw pins

## Production data



Item name	L1	Guide
SP-F3724R	24	Rubber guide
SP-F3734R	34	Rubber guide

### General Information

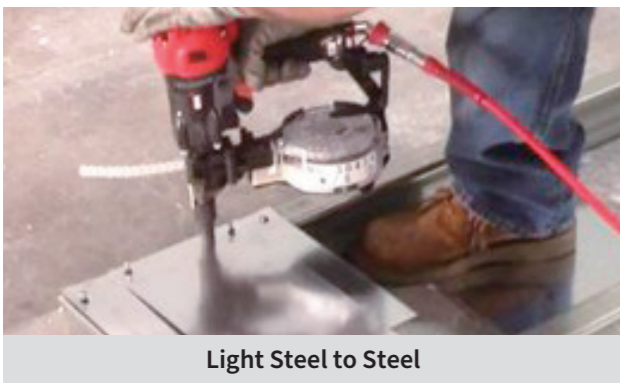
Material : Carbon steel  
 Hardness : HRC49  
 Zinc coating 5µm

### Tool



## Applications

### Light Steel to Steel

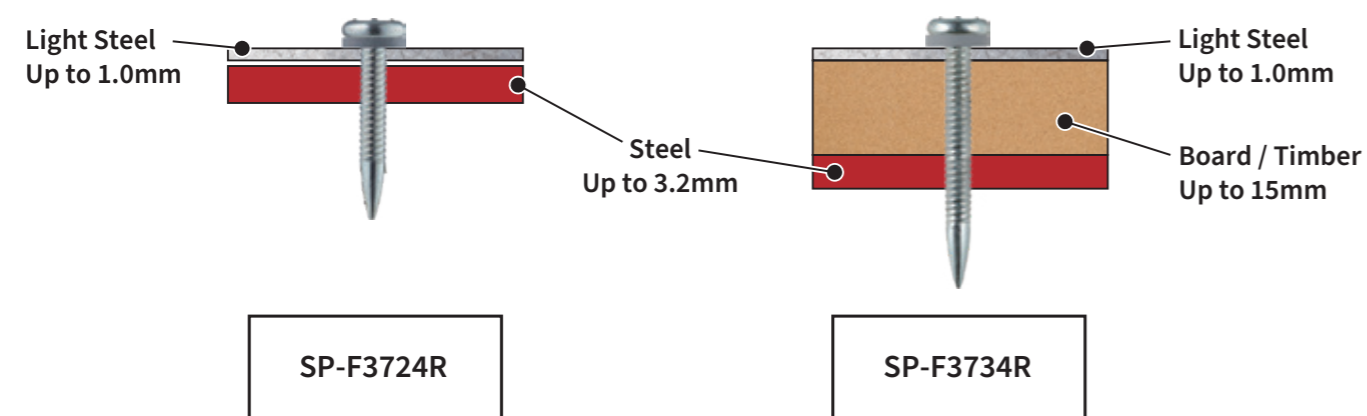


Light Steel to Steel



Deck to Steel

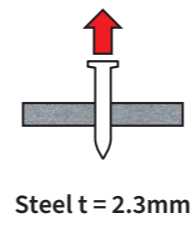
## Applications and Pins Selector



## Test Data

These results are based on internal testing and are provided for reference purposes only. They do not constitute a guarantee of performance.

### Test result



Steel t = 2.3mm

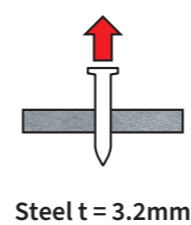
Maximum Loads		
SP-F3724R		
	Load (kN)	
1	5,816	Pull out
2	5,369	
3	5,692	
4	5,740	
5	5,335	
Ave.	5,590	

Maximum Loads		
SP-F3734R		
	Load (kN)	
1	5,856	Pull out
2	4,877	
3	5,899	
4	4,943	
5	5,208	
Ave.	5,357	

Maximum Loads		
Self Drilling Screw		
	Load (kN)	
1	4,566	Pull out
2	4,446	
3	4,374	
4	4,570	
5	4,581	
Ave.	4,507	

Screw diameter : 5.5mm / No.12  
 Screw length : 25mm

### Test result



Steel t = 3.2mm

Maximum Loads		
SP-F3724R		
	Load (kN)	
1	6,352	Pull out
2	7,254	
3	7,259	
4	7,497	
5	7,440	
Ave.	7,160	

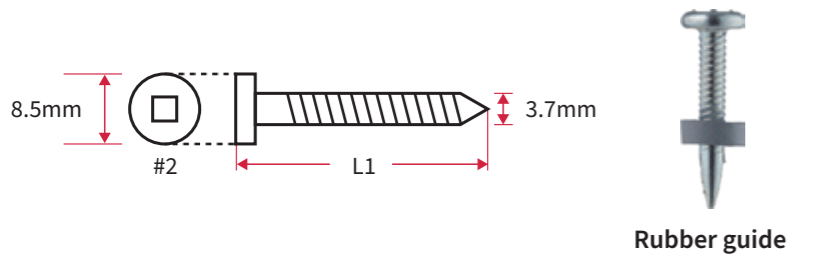
Maximum Loads		
SP-F3734R		
	Load (kN)	
1	6,821	Pull out
2	6,688	
3	6,114	
4	7,133	
5	7,068	
Ave.	6,765	

Maximum Loads		
Self Drilling Screw		
	Load (kN)	
1	7,262	Pull out
2	7,619	
3	7,296	
4	7,110	
5	6,700	
Ave.	7,197	

Screw diameter : 5.5mm / No.12  
 Screw length : 25mm

# Flat Pan Head Screw pins (Stainless Steel)

## Production data



Item name	L1	Guide
SP-F3724R-S	24	Rubber guide
SP-F3740R-S	40	Rubber guide

### General Information

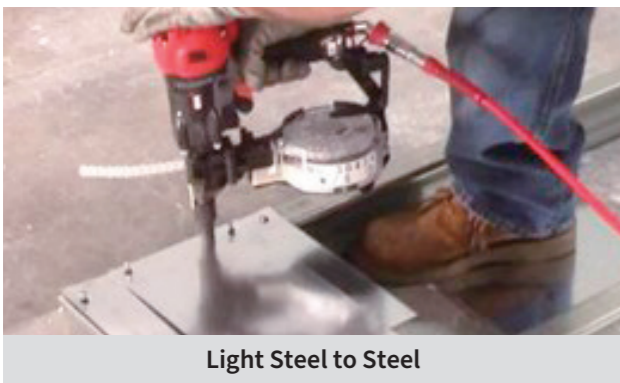
**Material :** Stainless Steel  
**Hardness :** HRC48

### Tool



## Applications

### Light Steel to Steel

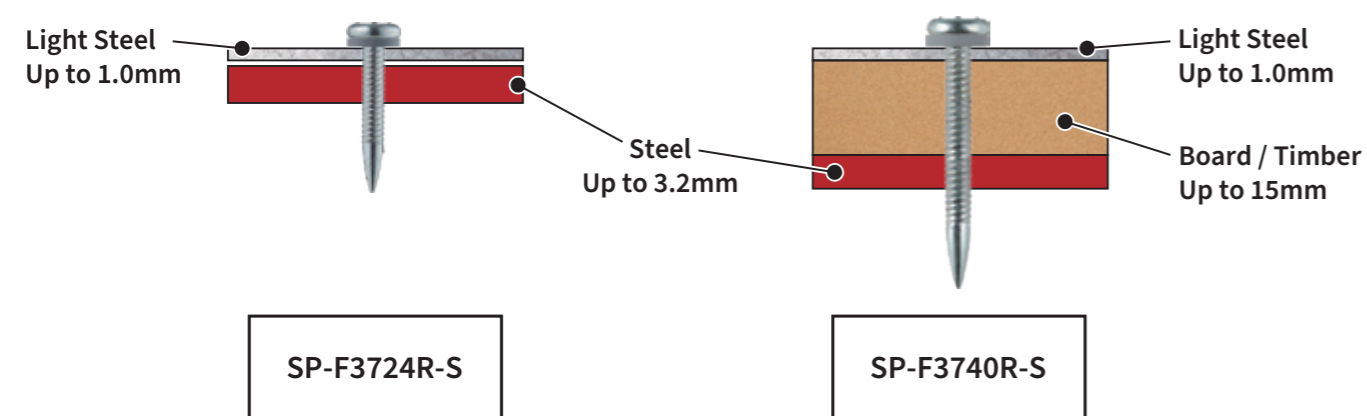


Light Steel to Steel



Deck to Steel

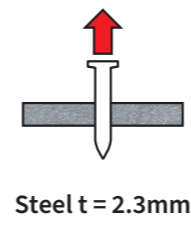
## Applications and Pins Selector



## Test Data

These results are based on internal testing and are provided for reference purposes only. They do not constitute a guarantee of performance.

### Test result



Steel t = 2.3mm

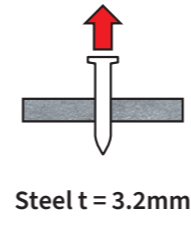
Maximum Loads		
SP-F3724R-S		
	Load (kN)	
1	6,629	
2	6,696	
3	6,748	Pull out
4	6,603	
5	6,500	
<b>Ave.</b>	<b>6,635</b>	

Maximum Loads		
SP-F3740R-S		
	Load (kN)	
1	6,611	
2	6,583	
3	6,576	Pull out
4	6,677	
5	6,605	
<b>Ave.</b>	<b>6,610</b>	

Maximum Loads		
Self Drilling Screw		
	Load (kN)	
1	4,566	
2	4,446	
3	4,374	Pull out
4	4,570	
5	4,581	
<b>Ave.</b>	<b>4,507</b>	

Screw diameter : 5.5mm / No.12  
Screw length : 25mm

### Test result



Steel t = 3.2mm

Maximum Loads		
SP-F3724R-S		
	Load (kN)	
1	9,030	
2	9,732	
3	9,093	Pull out
4	9,312	
5	9,803	
<b>Ave.</b>	<b>9,394</b>	

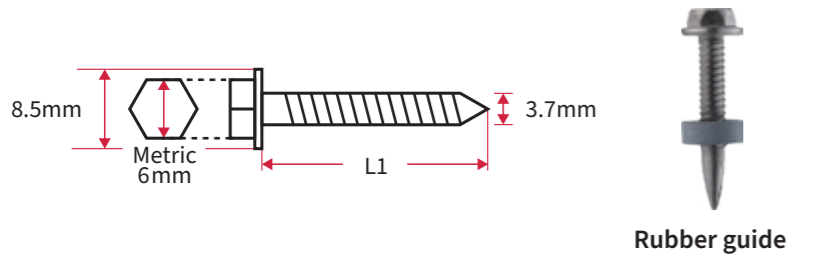
Maximum Loads		
SP-F3740R-S		
	Load (kN)	
1	9,605	
2	8,452	
3	9,175	Pull out
4	9,115	
5	8,008	
<b>Ave.</b>	<b>8,871</b>	

Maximum Loads		
Self Drilling Screw		
	Load (kN)	
1	7,262	
2	7,619	
3	7,296	Pull out
4	7,110	
5	6,700	
<b>Ave.</b>	<b>7,197</b>	

Screw diameter : 5.5mm / No.12  
Screw length : 25mm

# Hex Head Screw pins (Stainless Steel)

## Production data



Item name	L1	Guide
SP-H3724R-S	24	Rubber guide
SP-H3740R-S	40	Rubber guide

### General Information

**Material :** Stainless Steel  
**Hardness :** HRC48

### Tool

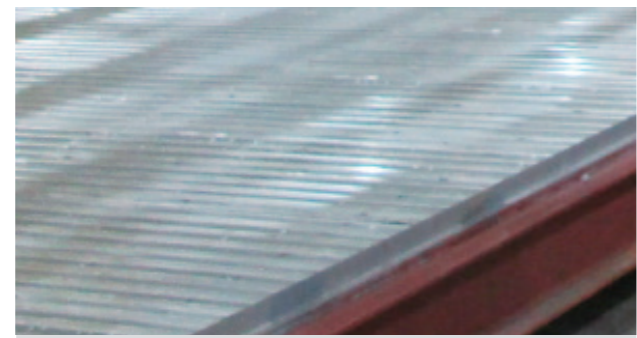


## Applications

### Light Steel to Steel

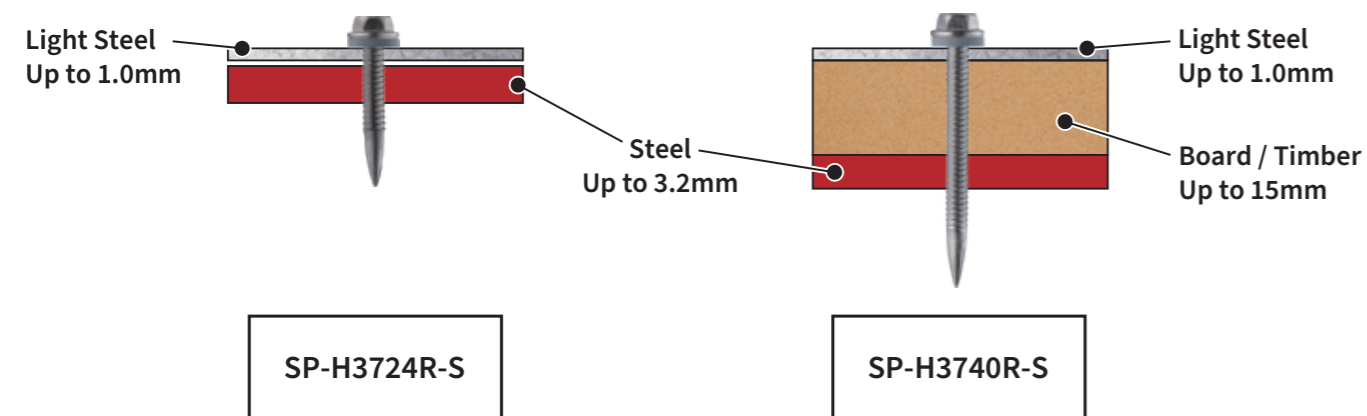


Light Steel to Steel



Deck to Steel

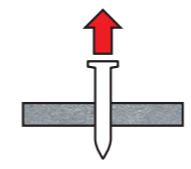
## Applications and Pins Selector



## Test Data

These results are based on internal testing and are provided for reference purposes only. They do not constitute a guarantee of performance.

### Test result



Steel t = 2.3mm

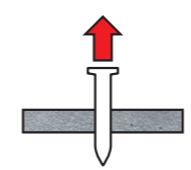
Maximum Loads		
SP-H3724R-S		
	Load (kN)	
1	6,836	
2	6,622	
3	6,904	Pull out
4	6,718	
5	6,621	
<b>Ave.</b>	<b>6,740</b>	

Maximum Loads		
SP-H3740R-S		
	Load (kN)	
1	6,619	
2	6,479	
3	6,445	Pull out
4	6,240	
5	6,312	
<b>Ave.</b>	<b>6,419</b>	

Maximum Loads		
Self Drilling Screw		
	Load (kN)	
1	4,566	
2	4,446	
3	4,374	Pull out
4	4,570	
5	4,581	
<b>Ave.</b>	<b>4,507</b>	

Screw diameter : 5.5mm / No.12  
Screw length : 25mm

### Test result



Steel t = 3.2mm

Maximum Loads		
SP-H3724R-S		
	Load (kN)	
1	9,391	
2	9,391	
3	9,115	Pull out
4	9,653	
5	9,580	
<b>Ave.</b>	<b>9,426</b>	

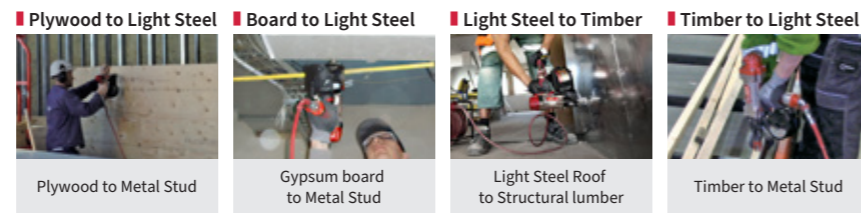
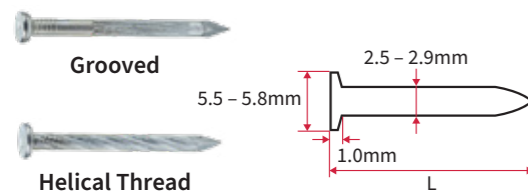
Maximum Loads		
SP-H3740R-S		
	Load (kN)	
1	9,971	
2	7,918	
3	9,779	Pull out
4	9,477	
5	7,963	
<b>Ave.</b>	<b>9,022</b>	

Maximum Loads		
Self Drilling Screw		
	Load (kN)	
1	7,262	
2	7,619	
3	7,296	Pull out
4	7,110	
5	6,700	
<b>Ave.</b>	<b>7,197</b>	

Screw diameter : 5.5mm / No.12  
Screw length : 25mm

# MAX Genuine FAP nails

**Approval**  
 EN14592:2008 + A1:2012  
 DoP No.311002402/1/2016  
 DiBt Z-14.4.771(Germany)

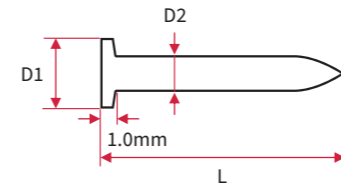


Item code	Item name	Length(mm)	Shank dia (mm)	Shank	Head dia(mm)	Thickness of head	Material	Hardness	Surface treatment	Nail point	Nail/coil	QTY / CARTON	Tools					Application		
													HN90F	HN65S	CN565S	CN890S	CN650M	Steel <2.3mm	Steel <3.2mm	
FA92010	FAP27V5	27	2.5	Helical Thread	5.5	1.0	Carbon Steel	HRC55	Zinc coating >5µm	Diamond	200	6,000								
FA92020	FAP32V5	32	2.5	Helical Thread	5.5	1.0	Carbon Steel	HRC55	Zinc coating >5µm	Diamond	200	6,000								
FA92050	FAP38V5	38	2.5	Helical Thread	5.5	1.0	Carbon Steel	HRC55	Zinc coating >5µm	Diamond	200	6,000								
FA92070	FAP45V5	45	2.5	Helical Thread	5.5	1.0	Carbon Steel	HRC55	Zinc coating >5µm	Diamond	200	6,000								
FA92080	FAP50V5	50	2.5	Helical Thread	5.5	1.0	Carbon Steel	HRC55	Zinc coating >5µm	Diamond	200	6,000								
FA92565	FAP65V5	65	2.5	Helical Thread	5.5	1.0	Carbon Steel	HRC55	Zinc coating >5µm	Diamond	200	4,000								
FA91111	FAP32V5-S	32	2.5	Helical Thread	5.5	1.0	Stainless Steel	HRC55	Zinc coating >5µm	Diamond	200	6,000								
FA91200	FAP27V9	27	2.9	Grooved	5.8	1.0	Carbon Steel	HRC55	Zinc coating >5µm	Diamond	200	6,000								
FA91210	FAP32V9	32	2.9	Grooved	5.8	1.0	Carbon Steel	HRC55	Zinc coating >5µm	Diamond	200	6,000								
FA91220	FAP38V9	38	2.9	Grooved	5.8	1.0	Carbon Steel	HRC55	Zinc coating >5µm	Diamond	200	6,000								
FA91230	FAP45V9	45	2.9	Grooved	5.8	1.0	Carbon Steel	HRC55	Zinc coating >5µm	Diamond	200	6,000								
FA91240	FAP50V9	50	2.9	Grooved	5.8	1.0	Carbon Steel	HRC55	Zinc coating >5µm	Diamond	200	6,000								
FA92965	FAP65V9	65	2.9	Grooved	5.8	1.0	Carbon Steel	HRC55	Zinc coating >5µm	Diamond	200	4,000								
FA92975	FAP75V9	75	2.9	Grooved	5.8	1.0	Carbon Steel	HRC55	Zinc coating >5µm	Diamond	200	4,000								

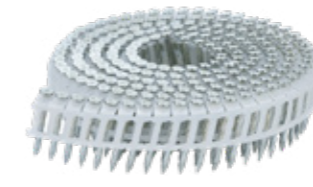
# FAP nails V5, V9 series

Collated Galvanized Helical Thread Shank Nails

## Production data



Helical Thread



Grooved

### General Information

Material : Carbon Steel, Stainless steel  
 Hardness: > HRC55  
 Zinc coating(Carbon Steel) : > 5µm

### Tool

**PowerLite** HN65, HN65S, HN75, HN90, HN90F

Coil Nailer CN565S, CN565S2, CN650M, CN890S

### Approvals

CE EN14592:2008 + A1:2012  
 DoP No.311002402/1/2016  
 DiBt Z-14.4.771(Germany)

	L	D1	D2	Shank	Head	Material	Approvals
FAP27V5	27	5.5	2.5	Helical Thread	Flat	Carbon Steel with Zinc	
FAP27V9	27	5.8	2.9	Grooved	Flat	Carbon Steel with Zinc	
FAP32V5	32	5.5	2.5	Helical Thread	Flat	Carbon Steel with Zinc	
FAP32V5-S	32	5.5	2.5	Helical Thread	Flat	Stainless Steel	
FAP32V9	32	5.8	2.9	Grooved	Flat	Carbon Steel with Zinc	
FAP38V5	38	5.5	2.5	Helical Thread	Flat	Carbon Steel with Zinc	
FAP38V9	38	5.8	2.9	Grooved	Flat	Carbon Steel with Zinc	
FAP38V9-HT/65CUP	38	6.5	2.9	Helical Thread	Cup	Carbon Steel with Zinc	
FAP45V5	45	5.5	2.5	Helical Thread	Flat	Carbon Steel with Zinc	
FAP45V9	45	5.8	2.9	Grooved	Flat	Carbon Steel with Zinc	
FAP50V9	50	5.8	2.9	Grooved	Flat	Carbon Steel with Zinc	
FAP57V9	57	5.8	2.9	Grooved	Flat	Carbon Steel with Zinc	
FAP65V5	65	5.5	2.5	Helical Thread	Flat	Carbon Steel with Zinc	
FAP65V9	65	5.8	2.9	Grooved	Flat	Carbon Steel with Zinc	
FAP75V9	75	5.8	2.9	Grooved	Flat	Carbon Steel with Zinc	

## Applications

### Plywood to Light Steel



Plywood to Metal Stud

### Board to Light Steel



Gypsum board to Metal Stud

### Light Steel to Timber



Light Steel Roof to Structural lumber

### Timber to Light Steel



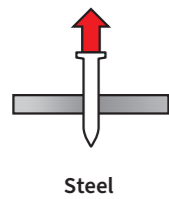
Timber to Metal Stud

Product Characteristics according to EN 14592:2008 +A1:2012

	Symbol	Unit	FAP32V5	FAP32V5-S	FAP38V9	FAP38V9-HT/ 65-CUP	FAP50V9	FAP65V5	FAP65V9
Yield moment	$M_{y,k}$	Nm	5.13	3.86	7.10	7.16	7.02	4.63	6.81
Withdrawal parameter	$f_{ax,k}$	N/mm <sup>2</sup>	8.6	3.8	10.1	14.4	9.3	9.6	9.6
Head pull-through parameter	$f_{head,k}$	N/mm <sup>2</sup>	32.2	22.3	16.4	26.4	35	44.9	37.7
Tensile Capacity	$f_{tens,k}$	N	9077	6648	11697	4810	11303	8354	10909

Test Data

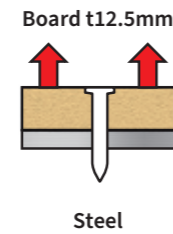
Pull Out Test



Maximum Load (kN)

Nails	FAP50V5		Failure mode
	Steel	t2.5mm S355J2H / t3.0mm S235	
1	2.49	2.98	Pull out
2	2.49	3.81	
3	2.49	3.54	
4	2.32	3.46	
5	2.32	3.54	
6	2.81	2.86	
7	2.87	2.47	
8	2.25	2.56	
9	2.18	2.58	
10	2.48	2.57	
11	2.67	2.99	
12	2.51	2.98	
13		3.45	
14		2.90	
15		3.14	
16		2.38	
[kN]	2.49	3.01	

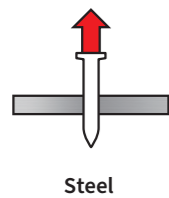
Pull Through Test



Maximum Load (kN)

Nails	FAP50V5		Failure mode
	Board	Gypsum Plaster-board / Fermacell	
1	0.31	0.90	Head pull through
2	0.29	0.91	
3	0.30	0.91	
4	0.27	0.97	
5	0.28	0.91	
6	0.28	0.93	
7	0.29	1.00	
8	0.26	0.99	
9	0.30	0.92	
10	0.29	0.98	
Ave.	0.29	0.94	

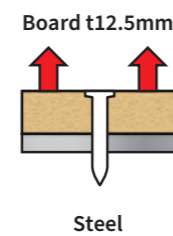
Pull Out Test



Maximum Load (kN)

Nails	FAP50V9		Failure mode
	Steel	t2.5mm S355J2H / t3.0mm S235	
1	2.97	3.43	Pull out
2	2.83	3.51	
3	2.68	3.04	
4	2.87	3.12	
5	3.01	3.20	
6	2.78	3.20	
7	2.89	3.16	
8	2.88	2.73	
9	2.77	2.84	
10	2.89	3.37	
11	2.74	3.10	
12		3.33	
Ave.	2.85	3.17	

Pull Through Test



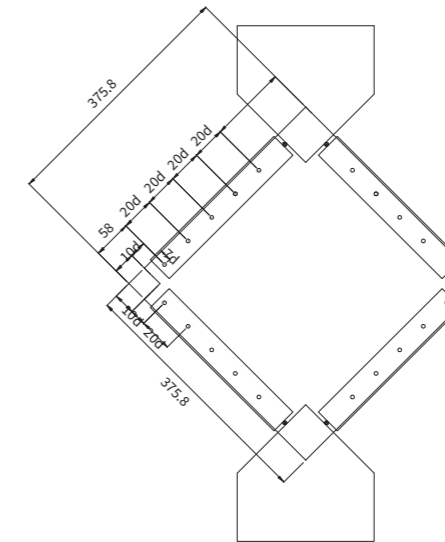
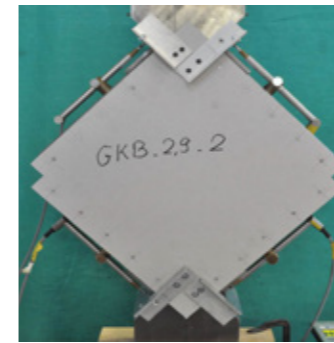
Maximum Load (kN)

Nails	FAP50V9		Failure mode
	Board	Gypsum Plaster-board / Fermacell	
1	0.28	0.85	Head pull through
2	0.27	0.93	
3	0.29	0.98	
4	0.29	0.98	
5	0.29	0.96	
6	0.28	0.85	
7	0.29	1.00	
8	0.29	0.76	
9	0.28	0.95	
10	0.27	0.80	
Ave.	0.28	0.91	

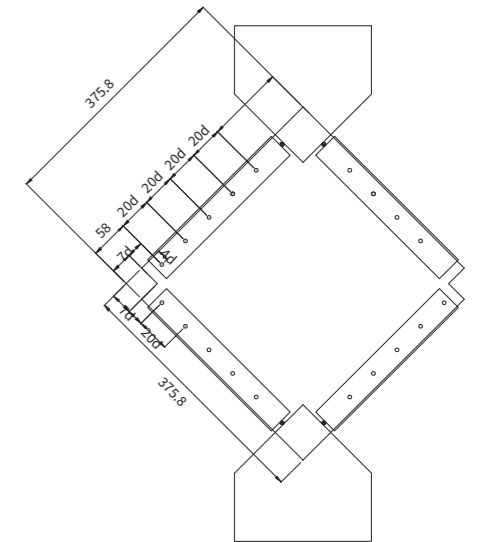
Test Data

Shear Test

Test Setup



Test structure for Gypsum plasterboard



Test structure for Fermacell

Maximum Load (kN)

Board	FAP32V5	Force per nail	FAP32V5	Force per nail	FAP32V9	Force per nail	FAP32V9	Force per nail
	Gypsum plasterboard		Fermacell		Gypsum plasterboard		Fermacell	
Steel	t2.5mm Steel grade: S355J2H							
1	5.56	0.39	14.6	1.03	6.50	0.46	17.1	1.21
2	5.66	0.40	14.2	1.00	6.83	0.48	16.6	1.17
3	5.71	0.40	14.1	1.00	6.63	0.47	17.0	1.20
Ave.	5.64	0.40	14.3	1.01	6.65	0.47	16.9	1.19

Application requirements

Thickness of Steel

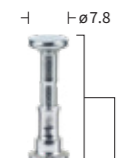



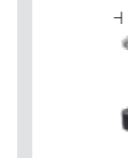

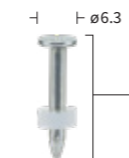
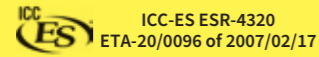



**FAP V5 Series < 2.3mm**


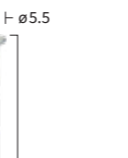


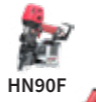




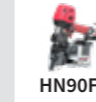



**FAP V9 Series < 3.2mm**

Nail Selector

Top member	Item name
12mm Plywood	FAP27V5, FAP27V9 FAP32V5, FAP32V5-S, FAP32V9
18-25mm Timber	FAP38V5, FAP38V9, FAP38V9-HT
12-25mm Board	FAP38V9-HT
25mm Timber	FAP45V5, FAP45V9
25-38mm Timber	FAP50V5, FAP50V9, FAP50V9-HT
25-38mm Board	FAP50V9-HT
38-50mm Timber	FAP65V5, FAP65V9, FAP65V9-HT
38-50mm Board	FAP65V9-HT

Top	Base	Concrete	Steel							
			< 2.3mm	< 3.2mm	< 4.5mm	< 5.0mm	< 6.0mm	< 10.0mm	< 12.0mm	
Steel	< 1.4mm	<ul style="list-style-type: none"> <li>CP-C6 series</li> <li>CP-W6 series</li> <li>CP-W8 series (16-25mm)</li> </ul>	<ul style="list-style-type: none"> <li>CP-W6 series</li> <li>CP-W8 series (16-22mm)</li> </ul>	<ul style="list-style-type: none"> <li>CP-W6 series</li> <li>CP-W8 series (16-22mm)</li> </ul>	<ul style="list-style-type: none"> <li>CP-W6 series</li> <li>CP-W8 series (16-22mm)</li> </ul>	<ul style="list-style-type: none"> <li>CP-W6 series</li> <li>CP-W8 series (16-22mm)</li> </ul>	<ul style="list-style-type: none"> <li>CP-W8 series (16-22mm)</li> </ul>	<ul style="list-style-type: none"> <li>CP-W8 series (16-22mm)</li> </ul>	<ul style="list-style-type: none"> <li>CP-W8 series (16-18mm)</li> </ul>	
		Light gauge steel	< 2.3mm	<ul style="list-style-type: none"> <li>CP-C6 series</li> <li>CP-W6 series</li> <li>CP-W8 series (16-25mm)</li> </ul>	<ul style="list-style-type: none"> <li>CP-W6 series</li> <li>CP-W8 series (22-25mm)</li> </ul>	<ul style="list-style-type: none"> <li>CP-W6 series</li> <li>CP-W8 series (22-25mm)</li> </ul>	<ul style="list-style-type: none"> <li>CP-W6 series</li> <li>CP-W8 series (22-25mm)</li> </ul>	<ul style="list-style-type: none"> <li>CP-W6 series</li> <li>CP-W8 series (22-25mm)</li> </ul>	<ul style="list-style-type: none"> <li>CP-W8 series (22-25mm)</li> </ul>	<ul style="list-style-type: none"> <li>CP-W8 series (22-25mm)</li> </ul>
Plywood	< 6mm			<ul style="list-style-type: none"> <li>CP-W8 series (25mm)</li> </ul>	<ul style="list-style-type: none"> <li>CP-W6 series (25mm)</li> <li>CP-W8 series (25mm)</li> </ul>	<ul style="list-style-type: none"> <li>CP-W6 series (25mm)</li> <li>CP-W8 series (25mm)</li> </ul>	<ul style="list-style-type: none"> <li>CP-W6 series (25mm)</li> <li>CP-W8 series (25mm)</li> </ul>	<ul style="list-style-type: none"> <li>CP-W6 series (25mm)</li> <li>CP-W8 series (25mm)</li> </ul>	<ul style="list-style-type: none"> <li>CP-W8 series (25mm)</li> </ul>	<ul style="list-style-type: none"> <li>CP-W8 series (25mm)</li> </ul>
	< 12mm	<ul style="list-style-type: none"> <li>CCP series (32mm)</li> <li>CP-W8 series (30mm)</li> </ul>	<ul style="list-style-type: none"> <li>FAP V5 series (27-32mm)</li> <li>FAP V9 series (27-32mm)</li> </ul>	<ul style="list-style-type: none"> <li>FAP V9 series (27-32mm)</li> </ul>	<ul style="list-style-type: none"> <li>CAP series (27-32mm)</li> </ul>	<ul style="list-style-type: none"> <li>CP-W8 series (30mm)</li> </ul>	<ul style="list-style-type: none"> <li>CP-W8 series (30mm)</li> </ul>	<ul style="list-style-type: none"> <li>CP-W8 series (30mm)</li> </ul>	<ul style="list-style-type: none"> <li>CP-W8 series (30mm)</li> </ul>	
	< 18mm	<ul style="list-style-type: none"> <li>CCP series (32-38mm)</li> <li>CP-W8 series (35mm)</li> </ul>	<ul style="list-style-type: none"> <li>FAP V5 series (38mm)</li> <li>FAP V9 series (38mm)</li> </ul>	<ul style="list-style-type: none"> <li>FAP V9 series (38mm)</li> </ul>	<ul style="list-style-type: none"> <li>CAP series (38mm)</li> </ul>	<ul style="list-style-type: none"> <li>CP-W8 series (35mm)</li> </ul>	<ul style="list-style-type: none"> <li>CP-W8 series (35mm)</li> </ul>	<ul style="list-style-type: none"> <li>CP-W8 series (35mm)</li> </ul>	<ul style="list-style-type: none"> <li>CP-W8 series (35mm)</li> </ul>	
	< 25mm	<ul style="list-style-type: none"> <li>CCP series (45mm)</li> <li>CP-W8 series (40-45mm)</li> </ul>	<ul style="list-style-type: none"> <li>FAP V5 series (45mm)</li> <li>FAP V9 series (45mm)</li> </ul>	<ul style="list-style-type: none"> <li>FAP V9 series (45mm)</li> </ul>	<ul style="list-style-type: none"> <li>CAP series (38-45mm)</li> </ul>	<ul style="list-style-type: none"> <li>CP-W8 series (40mm)</li> </ul>	<ul style="list-style-type: none"> <li>CP-W8 series (40mm)</li> </ul>	<ul style="list-style-type: none"> <li>CP-W8 series (40mm)</li> </ul>	<ul style="list-style-type: none"> <li>CP-W8 series (40mm)</li> </ul>	
Timber	< 38mm	<ul style="list-style-type: none"> <li>CCP series (50mm)</li> <li>CP-W8 series (52mm)</li> </ul>	<ul style="list-style-type: none"> <li>FAP V5 series (50mm)</li> <li>FAP V9 series (50mm)</li> </ul>	<ul style="list-style-type: none"> <li>FAP V9 series (50mm)</li> </ul>	<ul style="list-style-type: none"> <li>CAP series (50mm)</li> </ul>	<ul style="list-style-type: none"> <li>CP-W8 series (52mm)</li> </ul>	<ul style="list-style-type: none"> <li>CP-W8 series (52mm)</li> </ul>	<ul style="list-style-type: none"> <li>CP-W8 series (52mm)</li> </ul>		
	< 45mm	<ul style="list-style-type: none"> <li>CCP series (60mm)</li> <li>CP-W8 series (57mm)</li> </ul>	<ul style="list-style-type: none"> <li>FAP V5 series (65mm)</li> <li>FAP V9 series (65mm)</li> </ul>	<ul style="list-style-type: none"> <li>FAP V9 series (65mm)</li> </ul>	<ul style="list-style-type: none"> <li>CAP series (65mm)</li> </ul>	<ul style="list-style-type: none"> <li>CP-W8 series (52mm)</li> </ul>	<ul style="list-style-type: none"> <li>CP-W8 series (52mm)</li> </ul>			
	< 50mm	<ul style="list-style-type: none"> <li>CCP series (65mm)</li> <li>CP-W8 series (65mm)</li> </ul>	<ul style="list-style-type: none"> <li>FAP V5 series (65mm)</li> <li>FAP V9 series (65mm)</li> </ul>	<ul style="list-style-type: none"> <li>FAP V9 series (65mm)</li> </ul>	<ul style="list-style-type: none"> <li>CAP series (65mm)</li> </ul>	<ul style="list-style-type: none"> <li>CP-W8 series (65mm)</li> </ul>	<ul style="list-style-type: none"> <li>CP-W8 series (65mm)</li> </ul>			

Item	CP-W8 series	CCP series	CAP series	CP-W6 series	CP-C6 series
	<p>CP-W8W4 AL</p>  <p>CP-W8W4 AL =16-25</p>	<p>CP-W8W4</p>  <p>CP-W8W4 AL =25-65</p>	<p>CCP</p>  <p>32-65</p>	<p>CAP</p>  <p>27-65</p>	<p>CP-W6</p>  <p>CP-W6=19-25</p>
				<p>CP-C6V6</p>  <p>CP-C6V6=19-25</p>	<p>CP-C615V5</p>  <p>CP-C615V5=15</p>
Approval	 <p>ICC-ES ESR-4320 ETA-20/0096 of 2007/02/17</p>			 <p>ICC-ES ESR-4320</p>	
Product	 <p>HN120</p> <p>Refer Page 19</p>			 <p>HN25C2</p> <p>Refer Page 21</p>	

Item	FAP V5 series	FAP V9 series
	<p>FAPV5</p>  <p>27-65</p>	<p>FAPV9</p>  <p>27-75</p>
		<p>FAPV9-HT</p>  <p>27-75</p>
Approval	 <p>EN14592:2008 + A1:2012 DoP No.311002402/1/2016 DiBt Z-14.4.771(Germany)</p>	
Product	   <p>HN90F HN65S CN890S</p>   <p>CN650M CN565S</p>    <p>HN90F HN65S CN890S</p>  <p>CN650M</p>	

### HN120 and HN25C2 series \*1 Refer Page 16 \*2 Refer Shank diameter chart

**HN120** CP-W8, CAP, CCP

CP- **W 8 20 W4** ① W=Stepped ② Head diameter(mm) ③ L1(mm)\*1 ④ Shank diameter\*2

**CAP 50 W4** ① Total length(mm) ② Shank diameter\*2

**CCP 65 V9** ① Total length(mm) ② Shank diameter\*2

**HN25C2** CP-W6, CP-C6

CP- **C 6 19 V6** ① W=Stepped, C=Smooth ② Head diameter(mm) ③ L1(mm)\*1 ④ Shank diameter

### Shank diameter chart

CP-C619 V 6  
2.6 (mm)

V = 2.0 mm W = 3.0 mm

V0	2.0mm	V6	2.6mm	W3	3.3mm
V1	2.1mm	V9	2.9mm	W4	3.4mm
V5	2.5mm	W0	3.0mm	W8	3.8mm

### FAP series

**F A P 32 V9** ① ② ③ ④ ⑤

① F = Flat collation  
② A = Annealed treatment  
③ P = Plastic sheet collation  
④ Length  
⑤ Shank diameter

## Regular Pressure Nailers

### Siding Coil Nailer CN565S

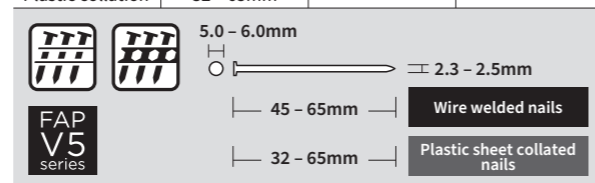


15°

Applications | Sheathing / Decking / Siding

Model name	CN565S
Item Code	CN96323
Dimensions	H320 x W130 x L273mm
Item Weight	2.2kg
Accessories	Safety glasses, Carry case
Operating Pressure	5-7 bar
Magazine Capacity	400 nails
Compatible fastener types	Flat wire welded nails, flat plastic sheet collated nails
Air consumption(at 6bar)	1.0L
Trigger Type	Anti-Double Fire Trigger
Power Type	Pneumatic 8bar

	Nail length	Nail diameter	Head diameter
Wire collation	45 - 65mm	2.3 - 2.5mm	5.0 - 6.0mm
Plastic collation	32 - 65mm		



### Framing Coil Nailer CN890F

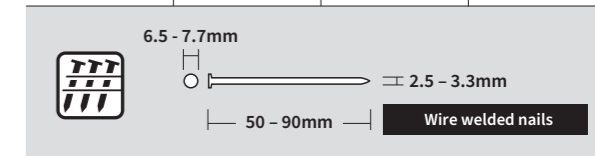


15°

Applications | Framing

Model name	CN890F
Item Code	CN98814
Dimensions	H344 x W127 x L298mm
Item Weight	3.5kg
Accessories	Safety glasses
Operating Pressure	5-8 bar
Magazine Capacity	300 nails
Compatible fastener types	Wire welded Coil nails
Air consumption(at 18bar)	3.0L
Trigger Type	Anti-Double Fire Trigger
Power Type	Pneumatic 8bar

	Nail length	Nail diameter	Head diameter
Wire collation	50 - 90mm	2.5 - 3.3mm	6.5 - 7.7mm



### Roofing / Framing Coil Nailer CN890S

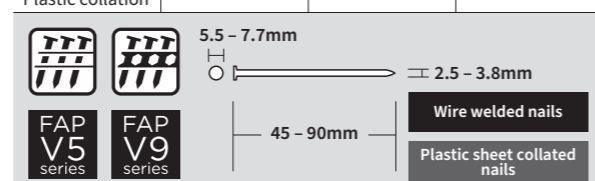


15°

Applications | Framing / Siding

Model name	CN890S
Item Code	CN98761
Dimensions	H367 x W129 x L331mm
Item Weight	3.3kg
Accessories	Safety glasses, Carry case
Operating Pressure	5-7 bar
Magazine Capacity	300 nails
Compatible fastener types	Flat wire welded nails and flat plastic sheet collated nails
Air consumption(at 6bar)	2.04L
Trigger Type	Anti-Double Fire Trigger
Power Type	Pneumatic 8bar

	Nail length	Nail diameter	Head diameter
Wire collation	45 - 90mm	2.5 - 3.8mm	5.5 - 7.7mm
Plastic collation			



### 34 Degree Framing Offset / Clipped Head Stick Nailer SN890CH2/34

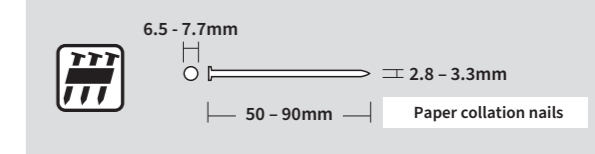


34°

Applications | Framing

Model name	SN890CH2/34
Item Code	KN95234
Dimensions	H316 x W121 x L435mm
Item Weight	3.3kg
Accessories	Safety glasses
Operating Pressure	5-7 bar
Magazine Capacity	90 nails
Compatible fastener types	Flat wire welded nails and flat plastic sheet collated nails
Air consumption(at 18bar)	2.18L
Trigger Type	Selective Action Trigger (Sequential/ Rapid)
Power Type	Pneumatic 8bar

	Nail length	Nail diameter	Head diameter
Paper collation	50 - 90mm	2.8 - 3.3mm	6.5 - 7.7mm



### Metal / Steel Fastening Coil Nailer CN650M

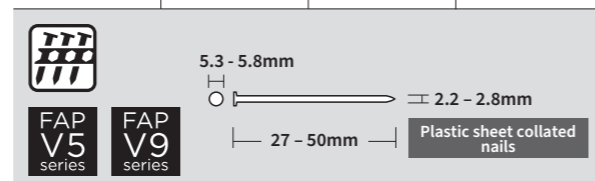


15°

Applications | Steel Framing

Model name	CN650M
Item Code	CN96423
Dimensions	H381 x W133 x L330mm
Item Weight	3.1kg
Accessories	Safety glasses, Carry case
Operating Pressure	5-7 bar
Magazine Capacity	200 nails
Compatible fastener types	Flat plastic sheet collated nails
Air consumption(at 18bar)	1.7L
Trigger Type	Sequential Fire Trigger
Power Type	Pneumatic 8bar

	Nail length	Nail diameter	Head diameter
Plastic collation	27 - 50mm	2.2 - 2.8mm	5.3 - 5.8mm



### 34 Degree Framing Offset / Clipped Head Stick Nailer SN883-100CH/34

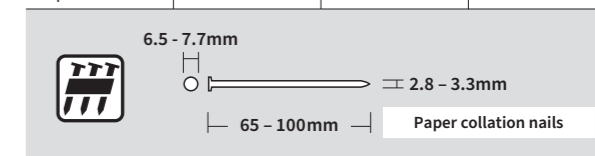


34°

Applications | Framing

Model name	SN883-100CH/34
Item Code	KN95255
Dimensions	H344 x W121 x L435mm
Item Weight	3.4kg
Accessories	Safety glasses
Operating Pressure	5-7 bar
Magazine Capacity	90 nails
Compatible fastener types	Offset head/clipped head Offset head/ clipped head stick nails
Air consumption(at 18bar)	2.4L
Trigger Type	Selective Action Trigger (Sequential/ Rapid)
Power Type	Pneumatic 8bar

	Nail length	Nail diameter	Head diameter
Paper collation	65 - 100mm	2.8 - 3.3mm	6.5 - 7.7mm



## Regular Pressure Nailers

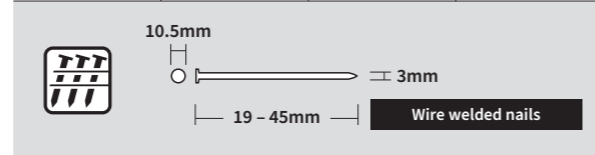
### Roofing Coil Nailer CN445R2



Applications | Roofing

Model name	CN445R2
Item Code	CN96724
Dimensions	H271 x W116 x L245mm
Item Weight	2.4kg
Accessories	Safety glasses
Operating Pressure	5-7 bar
Magazine Capacity	120 nails
Compatible fastener types	Flat wire welded nails
Air consumption(at 6bar)	1.3L
Trigger Type	Rapid Fire Trigger
Power Type	Pneumatic 8bar

	Nail length	Nail diameter	Head diameter
Wire collation	19 - 45mm	3mm	10.5mm



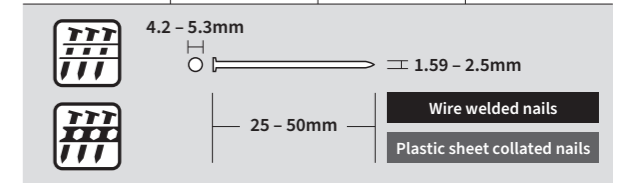
### Fencing & Sheathing Coild Nailer CN552S



Applications | Sheathing

Model name	CN552S
Item Code	CN96094
Dimensions	H270 x W125 x L270mm
Item Weight	2kg
Accessories	Safety glasses
Operating Pressure	4-7 bar
Magazine Capacity	400(Wire), 200(Plastic) nails
Compatible fastener types	Flat wire welded nails and flat plastic sheet collated nails
Air consumption(at 6bar)	1.0L
Trigger Type	Anti-Double Fire Trigger
Power Type	Pneumatic 8bar

	Nail length	Nail diameter	Head diameter
Wire collation	25 - 50mm	1.59 - 2.5mm	4.2 - 5.3mm
Plastic collation			



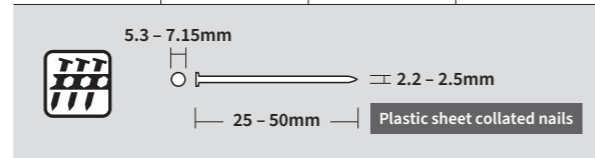
### Drywall & Roofing Coil Nailer CN450G



Applications | Roofing / Drywall

Model name	CN450G
Item Code	CN96068
Dimensions	H299 x W133 x L260mm
Item Weight	1.66kg
Accessories	Safety glasses, Carry case
Operating Pressure	4-7 bar
Magazine Capacity	200 nails
Compatible fastener types	Flat plastic sheet collated nails
Air consumption(at 6bar)	0.88L
Trigger Type	Anti-Double Fire Trigger
Power Type	Pneumatic 8bar

	Nail length	Nail diameter	Head diameter
Plastic collation	25 - 50mm	2.2 - 2.5mm	5.3 - 7.15mm



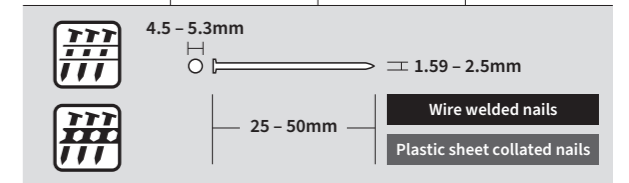
### Pallet & Fencing Coil Nailer CN550S



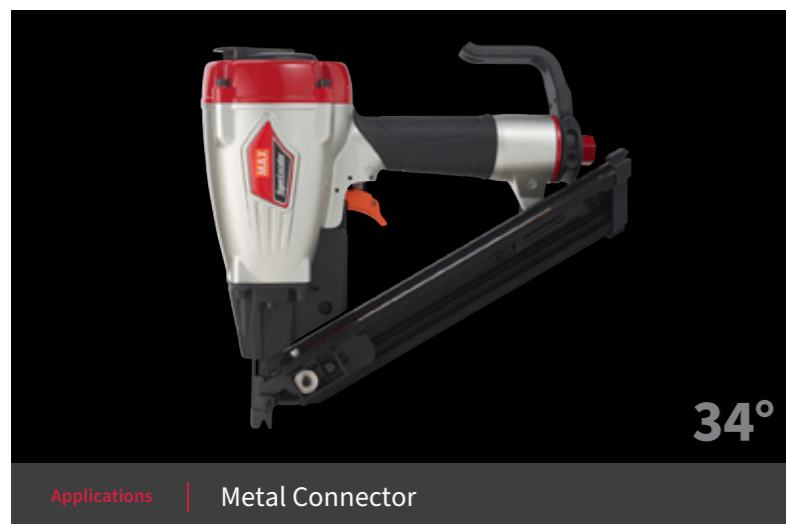
Applications | Pallets / Crates

Model name	CN550S
Item Code	CN96194
Dimensions	H270 x W125 x L270mm
Item Weight	2kg
Accessories	Safety glasses
Operating Pressure	5-7 bar
Magazine Capacity	400(Wire), 200(Plastic) nails
Compatible fastener types	Flat wire welded nails and flat plastic sheet collated nails
Air consumption(at 6bar)	1.0L
Trigger Type	Rapid Fire Trigger
Power Type	Pneumatic 8bar

	Nail length	Nail diameter	Head diameter
Wire collation	25 - 50mm	1.59 - 2.5mm	4.5 - 5.3mm
Plastic collation			



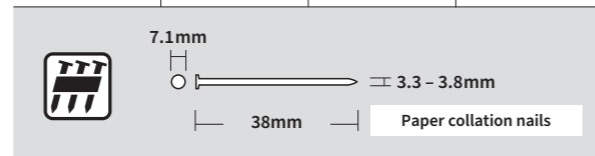
### Metal Connector Stick Nailer SN438J



Applications | Metal Connector

Model name	SN438J
Item Code	KN95438
Dimensions	H264 x W107 x L310mm
Item Weight	2.3kg
Accessories	Safety glasses
Operating Pressure	5-7 bar
Magazine Capacity	29 nails
Compatible fastener types	Paper collated metal connector nails
Air consumption(at 6bar)	2.1L
Trigger Type	Sequential Fire Trigger
Power Type	Pneumatic 8bar

	Nail length	Nail diameter	Head diameter
Paper collation	38mm	3.3 - 3.8mm	7.1mm



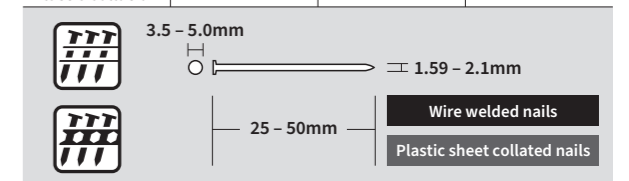
### Construction Coil Nailer CN452S



Applications | Siding

Model name	CN452S
Item Code	CN95358
Dimensions	H284 x W108 x L260mm
Item Weight	1.6kg
Accessories	Safety glasses, Carry case
Operating Pressure	4-7 bar
Magazine Capacity	400(Wire), 200(Plastic) nails
Compatible fastener types	Flat wire welded nails and flat plastic sheet collated nails
Air consumption(at 6bar)	0.7L
Trigger Type	Anti-Double Fire Trigger
Power Type	Pneumatic 8bar

	Nail length	Nail diameter	Head diameter
Wire collation	25 - 50mm	1.59 - 2.1mm	3.5 - 5.0mm
Plastic collation			



# Regular Pressure Nailers

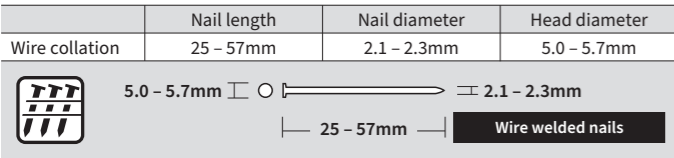
**Heavy Duty Coil Nailer**  
**CN55**



**Applications**  
Pallets / Crates

**15°**

Model name	CN55
Item Code	CN91055
Dimensions	H283 x W131 x L270mm
Item Weight	2.5kg
Accessories	Safety glasses
Operating Pressure	5-7 bar
Magazine Capacity	300-350 nails
Compatible fastener types	Flat wire welded nail
Air consumption(at 6bar)	0.92L
Trigger Type	Rapid Fire Trigger
Power Type	Pneumatic 8bar



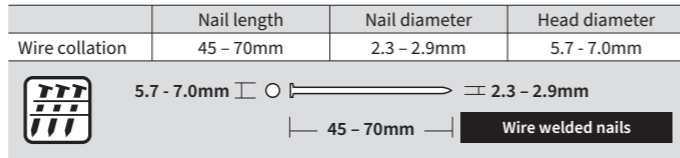
**Heavy Duty Coil Nailer**  
**CN70**



**Applications**  
Pallets / Crates

**15°**

Model name	CN70
Item Code	CN91075
Dimensions	H315 x W128 x L306mm
Item Weight	3.5kg
Accessories	Safety glasses
Operating Pressure	5-7 bar
Magazine Capacity	225-300 nails
Compatible fastener types	Flat wire welded nails
Air consumption(at 6bar)	1.48L
Trigger Type	Rapid Fire Trigger
Power Type	Pneumatic 8bar



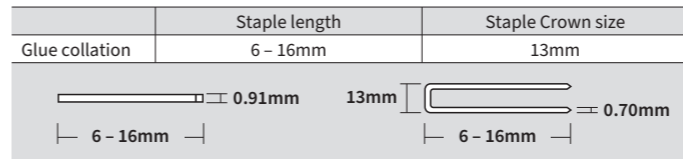
**21ga Fine Wire Stapler**  
**TA116A/21-13**



**Applications**  
Furniture

**0°**

Model name	A116A/21-13
Item Code	TA94311
Dimensions	H152 x W48 x L237mm
Item Weight	1kg
Accessories	Safety glasses
Operating Pressure	5-7 bar
Magazine Capacity	150 staples
Brad nail / Staple Gauge	21ga
Compatible fastener types	Fine staple
Air consumption(at 6bar)	0.34L
Trigger Type	Rapid Fire Trigger
Power Type	Pneumatic 8bar



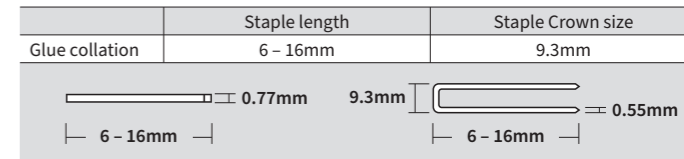
**22ga Fine Wire Stapler**  
**TA116A/22-9**



**Applications**  
Furniture

**0°**

Model name	TA116A/22-9
Item Code	TA94313
Dimensions	H152 x W48 x L237mm
Item Weight	1kg
Accessories	Safety glasses
Operating Pressure	5-7 bar
Magazine Capacity	180 staples
Brad nail / Staple Gauge	22ga
Compatible fastener types	Fine staple
Air consumption(at 6bar)	0.31L
Trigger Type	Rapid Fire Trigger
Power Type	Pneumatic 8bar



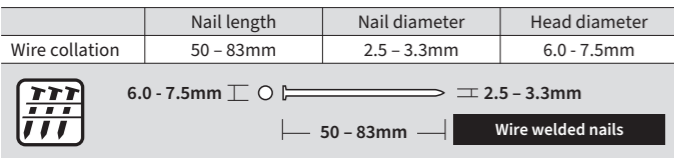
**Heavy Duty Coil Nailer**  
**CN80**



**Applications**  
Pallets / Crates

**15°**

Model name	CN80
Item Code	CN91085
Dimensions	H362 x W132 x L307mm
Item Weight	3.7kg
Accessories	Safety glasses
Operating Pressure	5-7 bar
Magazine Capacity	300 nails
Compatible fastener types	Flat wire welded nails
Air consumption(at 6bar)	1.74L
Trigger Type	Rapid Fire Trigger
Power Type	Pneumatic 8bar



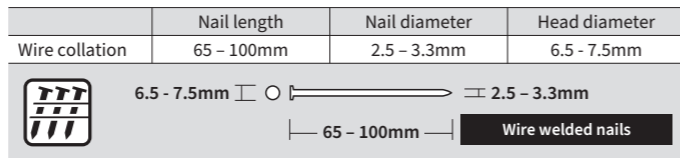
**Heavy Duty Coil Nailer**  
**CN100**



**Applications**  
Pallets / Crates

**15°**

Model name	CN100
Item Code	CN98857
Dimensions	H417 x W156 x L336mm
Item Weight	5.3kg
Accessories	Safety glasses
Operating Pressure	5-7 bar
Magazine Capacity	400 nails
Compatible fastener types	Flat wire welded nails
Air consumption(at 6bar)	3.15L
Trigger Type	Rapid Fire Trigger
Power Type	Pneumatic 8bar



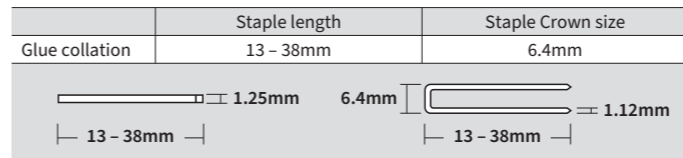
**18ga Narrow Crown Stapler**  
**TA238B/18-6**



**Applications**  
Furniture

**0°**

Model name	TA238B/18-6
Item Code	TA94314
Dimensions	H242 x W64 x L231mm
Item Weight	1.2kg
Accessories	Safety glasses
Operating Pressure	5-7 bar
Magazine Capacity	109 staples
Brad nail / Staple Gauge	18ga
Compatible fastener types	Narrow crown staple
Air consumption (at 6bar)	0.61L
Trigger Type	Switchable Fire Trigger
Power Type	Pneumatic 8bar



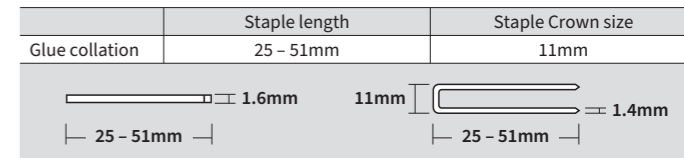
**16ga Medium Crown Stapler**  
**TA551A/16-11**



**Applications**  
Furniture

**0°**

Model name	TA551A/16-11
Item Code	TA96082
Dimensions	H288.5 x W84 x L356mm
Item Weight	2.2kg
Accessories	Safety glasses
Operating Pressure	5-7 bar
Magazine Capacity	157 staples
Brad nail / Staple Gauge	16ga
Compatible fastener types	Medium crown staple
Air consumption (at 6bar)	1.1L
Trigger Type	Rapid Fire Trigger
Power Type	Pneumatic 8bar



## Regular Pressure Nailers

### 18ga Brad Nailer NF255FA/18



Applications  
Finish /  
Woodwork

0°



Model name	NF255FA/18	Brad nail / Staple Gauge	18ga
Item Code	TA94303	Compatible fastener types	Brad nails
Dimensions	H255 x W64 x L244mm	Air consumption (at 7bar)	0.68L
Item Weight	1.2kg	Trigger Type	Switchable Fire Trigger
Accessories	Safety glasses, Carry case	Power Type	Pneumatic 8bar
Operating Pressure	5-7 bar		
Magazine Capacity	100 nails		

	Nail length
Glue collation	15 - 55mm
	1.05mm
	15 - 55 mm
	Glue collation nails

### 18ga Brad Nailer NF255SF2/18



Applications  
Finish /  
Woodwork

0°



Model name	NF255SF2/18	Brad nail / Staple Gauge	18ga
Item Code	TA92185	Compatible fastener types	Brad nails
Dimensions	H239 x W66 x L261mm	Air consumption (at 6bar)	0.56L
Item Weight	1.3kg	Trigger Type	Sequential Fire Trigger
Accessories	Safety glasses, Carry case	Power Type	Pneumatic 8bar
Operating Pressure	4-7 bar		
Magazine Capacity	100 nails		

	Nail length
Glue collation	15 - 55mm
	1.05mm
	15 - 55 mm
	Glue collation nails

### 16ga Straight Finish Nailer NF565A/16



Applications  
Finish /  
Woodwork

0°



Model name	NF565A/16	Brad nail / Staple Gauge	16ga
Item Code	TA94305	Compatible fastener types	Straight finish nails
Dimensions	H284 x W95 x L297mm	Air consumption (at 7bar)	1.3L
Item Weight	1.5kg	Trigger Type	Switchable Fire Trigger
Accessories	Safety glasses, Carry case	Power Type	Pneumatic 8bar
Operating Pressure	5-7 bar		
Magazine Capacity	110 nails		

	Nail length
Glue collation	32 - 65mm
	1.4mm
	32 - 65 mm
	Glue collation nails

### 15ga Angled Finish Nailer NF665A/15



Applications  
Finish /  
Woodwork

34°



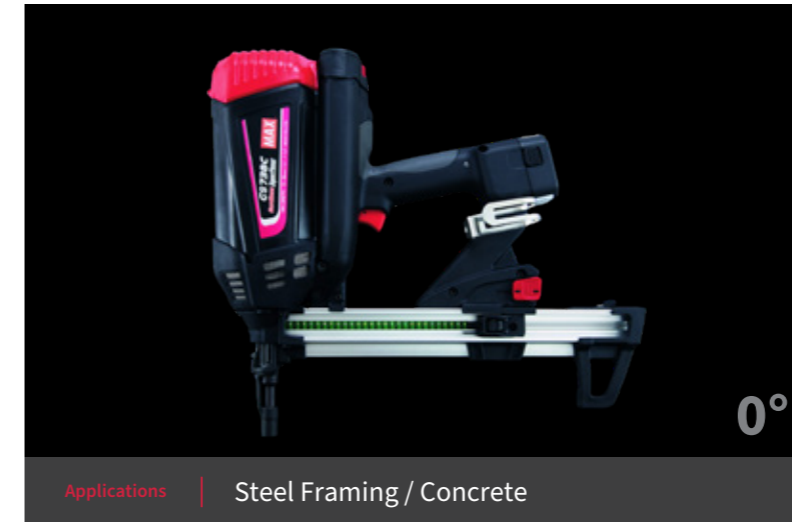
Model name	NF665A/15	Brad nail / Staple Gauge	15ga
Item Code	TA94307	Compatible fastener types	34 degree Angled finish nails
Dimensions	H322 x W94 x L297mm	Air consumption (at 7bar)	1.44L
Item Weight	1.8kg	Trigger Type	Switchable Fire Trigger
Accessories	Safety glasses, Carry case	Power Type	Pneumatic 8bar
Operating Pressure	5-7 bar		
Magazine Capacity	106 nails		

	Nail length
Glue collation	32 - 65mm
	1.83mm
	32 - 65 mm
	Glue collation nails

## Gas Nailers



### Cordless Concrete / Steel Gas Pinner GS738CLT



Applications | Steel Framing / Concrete

0°

Model name	GS738CLT
Item Code	GN90625
Dimensions	H365 x W124 x L435mm
Item Weight	3.7kg
Accessories	Safety glasses, Battery, Charger, Carry case
Magazine Capacity	42 pins
Battery	JP606H Ni-MH 6.0V (1.5Ah)
Charger	JC610M
Shots per charge	Approx. 4500 pins / charge
Shots per fuel cell	Approx. 800 pins
Charging time	100% charged 150min
Trigger Type	Sequential Fire Trigger
Power Type	Gas

	Nail length	Nail diameter	Head diameter
Plastic collation	15 - 40mm	2.6mm	6.4mm

	6.4mm
	2.6mm
	15 - 40mm
	Plastic sheet collated nails

### Cordless Framing Gas Nailer GS690CH



Applications | Framing

34°

Model name	GS690CH
Item Code	GN91030
Dimensions	H391 x W110 x L340mm
Item Weight	3.5kg
Accessories	Safety glasses, Battery, Charger, Carry case
Magazine Capacity	40 nails
Compatible fastener types	Offset head/clipped head Offset head/clipped head stick nails
Battery	JP606H Ni-MH 6.0V (1.5Ah)
Charger	JC610M
Shots per charge	Approx. 4500 nails / charge
Shots per fuel cell	Approx. 1100 nails
Charging time	100% charged 150min
Trigger Type	Sequential Fire Trigger
Power Type	Gas

	Nail length	Nail diameter	Head diameter
Paper collation	50 - 90mm	2.9 - 3.3mm	6.5 - 7.7mm

	6.5 - 7.7mm
	2.9 - 3.3mm
	50 - 90mm
	Paper collation nails