

**MAX**

# PowerLite™ Framer



CE

## HN90-ST

MAX's New  
**Compact  
Powerful  
Lightweight  
Coil Framer**



**PowerLite Framer  
HN90**

NAIL LENGTH WIRE WELDED 45-50mm (1 7/8"-2")  
PLASTIC SHEET COLLATED 45-50mm (1 7/8"-2")

**WARNING**

1. Read and understand tool labels and manual. Failure to follow warnings could result in DEATH or SERIOUS INJURY.
2. Operators and others in work area MUST wear safety glasses with side shields.
3. Keep fingers AWAY from trigger when not doing fasteners to avoid accidental firing.
4. Choice of slipping material is important. Check manual for slipping options.
5. NEVER hold tool or material or others in work area.
6. NEVER use oxygen or other bottled gases. Substitute the air.

**CAUTION**

Use high pressure air source, fittings, hoses, and other accessories that meet specific requirements established for MAX (90 PSI/6.35 BAR).

www.maxusacorp.com (USA Site)  
www.max-ltd.co.jp/int/ (GLOBAL Site)

MAX CO., LTD. MADE IN JAPAN

**20** Next Generation Nailers Powered by  
**bar** technology

# PowerLite™ Framer HN90-ST

The 20 bar technology was first introduced by MAX in Japan in 1994 and is now available

## FEATURES

- Sequential fire mechanism

- New design recoil reduced valve (Patent Pending)



Only **2.4 kg**

- Reduced Exhaust Air System Side exhaust with built-in silencer

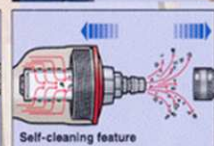
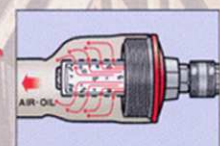


- Trigger Lock Dial for safety

- Maintenance free end cap filter (DEU Patent 19539950) (UK Patent 2294412)



- Dial adjustable depth control



- Unique tangle free swivel fitting



Comes with plastic carry case

### Size Comparison



## TOOL SPECIFICATIONS

MODEL	HN90-ST
WEIGHT	2.4kg (5.3lbs)
DIMENSIONS	327(H) × 129(W) × 294(L)mm
LOAD CAPACITY	300 nails
OPERATING PRESSURE	12 to 23 bar (170 to 320 p.s.i.)
AIR CONSUMPTION	3.4 l/cycle at 18 bar (257 p.s.i.) operating pressure
NOISE	A-weighted single-event sound power level LWA, 1s, d 97.5dB A-weighted single-event emission sound pressure level at work station LpA, 1s, d 88.3dB These values are determined and documented in accordance to CEN/TC 255 WG 1 N 45.3 E. (EN-standard in preparation)
VIBRATION	Vibration characteristic value = 4.60m/s <sup>2</sup> These values are determined and documented in accordance to ISO 8662-11

## FASTENERS APPLICABLE

15 degree flat wire welded nails



Head diameter

6.0 to 7.7mm

Smooth Screw and Ring Shank

Nail length

45 to 90mm

Shank diameter

2.5 to 3.8mm

(Screw Shank 2.5mm to 3.3mm)

15 degree flat plastic sheet collated nails



Head diameter

5.5 to 7.7mm

Smooth Screw and Ring Shank

Nail length

45 to 75mm

Shank diameter

2.5 to 2.9mm

For the **PowerLite Framer HN90** operation, the **PowerLite Compressor** and **PowerLite Hose** are required.

### PowerLite Compressor

AKHL1050E

- Regular pressure tools

2 pcs.

- High pressure PowerLite tools

2 pcs.

PowerLite Hose

KH6X30

30m

Special fitting only for PowerLite Hose

Lightweight 25kg Compact

## COMPRESSOR SPECIFICATIONS

MODEL	AKHL1050E(CE)
DIMENSIONS	276(H) × 350(W) × 600(L)mm
WEIGHT	25 kg (51.7 lbs.)
MAX WORKING PRESSURE	29 bar
POWER SUPPLY	230 V / 50 Hz
RATED CURRENT	9 A
MOTOR POWER	2 HP
TANK VOLUME	0.4 L (50 L equivalent tank size as 10 bar model)
RATED SPEED	2,350 rpm

The specifications and design of the products in this catalog will be subject to change without advance notice due to our continuous efforts to improve the quality of our products.

**MAX**

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**SIFCO**  
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