

MAX

PowerLite

ENGINEERED FOR
PERFORMANCE

The World's 1st 34 bar Nailing Solutions



Original since 1994, made in Japan

R&D and High Pressure Compressor Manufacturing

MAX Advantage begins with our R&D engineering and production teams and ends with our customers.

Based on end-user feedback, we continually re-engineer our products to meet real-world demands. MAX developed the world's first 34 bar Nailing Solutions in 1994 for the Japanese market, and launched in Europe in 2003.

MAX R&D department has a highly strict standard for the durability, making our tools work under severe application environments.

In 2024 MAX launched the 5th generation model, named AKHL1320E. MAX High pressure compressor is revolutionizing fastening applications all around the world.



* The world 1st 34 bar nailing solutions is based on our research.

Save Time, Save Money



Easy one hand operation



Reduces training expenses



Increase productivity

Development history of MAX Compressor

PowerLite

OVER 30 YEARS EXPERIENCE



1976
AK08U
MAX first compressor



1987
AK615P
Powerful, Light and Quite model



1994
AKHL809
The world first high pressure compressor



1995
AK7000E
Aluminum tank



2000
AKHL1030E
Inverter system



2003
AKHL1050E
Launched in Europe



2009
AKHL1230E
Light, Quite and panel switch



2017
AKHL1260E
Advanced high pressure compressor



2024
AKHL1320E
The most powerful high pressure compressor

Corporate Slogan

Making work life easier and more enjoyable world wide



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Working to create new standards, we have developed a deep familiarity with the people who use our products. This encourages us to think boldly, as we aim to bring the world a unique style of convenience. Our products are designed around a simple idea: making work life easier and more enjoyable worldwide, reducing stress and maximizing performance. That's how we enhance the work environment. That is why we keep challenging ourselves to make lives better.

MAX HSE Policy

MAX HSE means that you can trust that our tools are engineered with your health, safety and environmentally friendly in mind.



Increase Your Safety

Anti double trigger and single trigger reduces the risk of misfire. Tangle free Swivel fitting as well prevents tripping or falling hazards that can happen with a tangled hose.



Increase Your Productivity

No license needed to operate Powerlite tools unlike powder actuated tools. And with light weight + Ergonomic designed tools make your work easier and faster.



No powder, No gas, It's just air

No powder and gas but only AIR needed to shoot with Powerlite tools unlike conventional concrete pinner. You can run the Powerlite tools with saving cost of powder and fuel source.

HIGH PRESSURE ADVANTAGE

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MAX High Pressure mechanism 7 Advantages

Light weight

Easy to carry



Powerful

3-6 times bigger air displacement



Quiet sound

Neighborhood friendly



User friendly

Oil free maintenance



Tough design

Handle protects ventilator window



Environment friendly

18% less CO2 emission than competitor A 8bar system



AKHL1320E

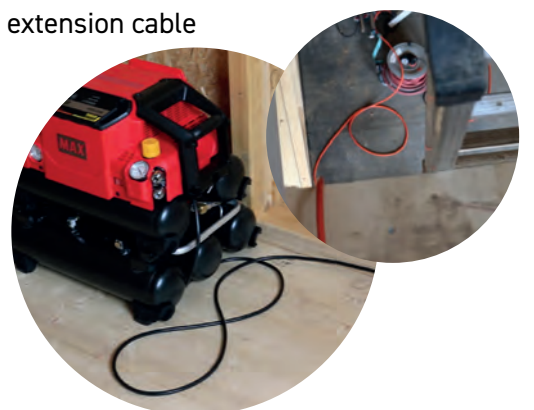
Competitor A
8bar system



*Based on our internal test, comparison of CO2 emissions per shot.

Inverter control

Worked in severe situation like cold temperature, extension cable



AKHL1320E KEY FEATURES

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Number of nails that can be fastened from full charge air

254 nails



215 nails



30 nails



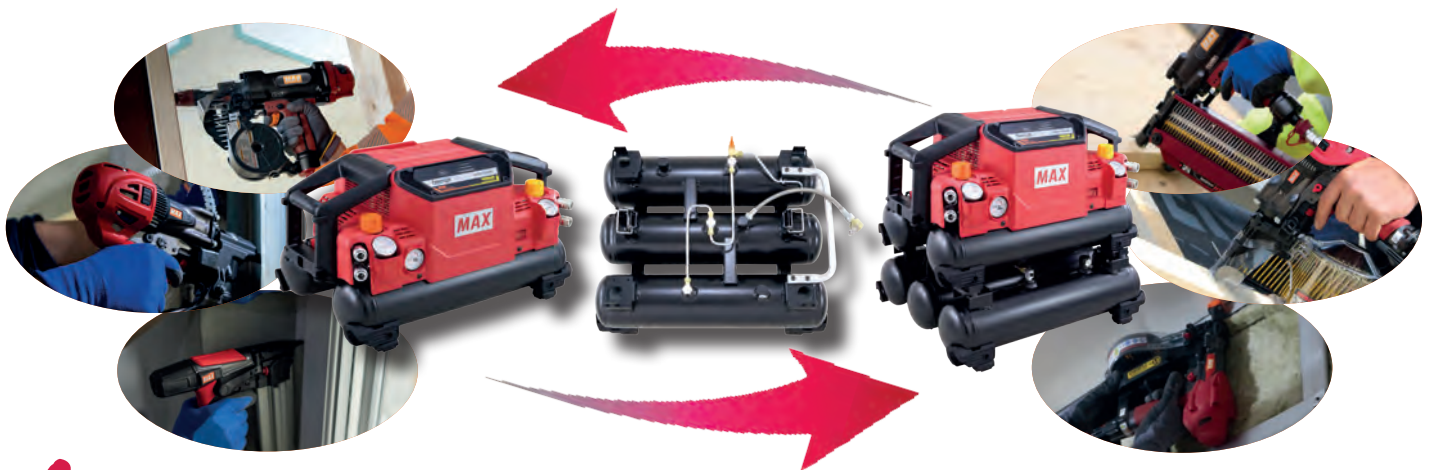
*Based on our internal test/simulation.
 · Application: t15mm plywood + t38mm wood + t38mm wood
 · Fastener: 3.1/90mm screw shank nail (150nails/coil)
 · 45sec interval time was taken for replacing a coil of nails.
 · Tool: HN90F(operating air pressure 17 bar)
 -Number of nails was counted until the nail was no longer sticking out.
 -Filling time from nail sticking out to refilling to full charge
 -Shooting speed: 2 nails/sec

AKTH15 extra tank

Customize AKTH15 with 1 touch according to jobsite applications

Light use application

Heavy use application



Specification

AKHL1320E

AKHL1320E + AKTH15



ITEM		AKHL1320E	AKHL1320E + AKTH15
DIMENSIONS	L	573mm	573mm
	W	351mm	425mm
	H	336mm	496mm
WEIGHT		17.6kg	26.4kg
TANK VOLUME		10L	25L
MAX WORKING PRESSURE		34.5bar	
MOTOR POWER		2HP	
CYLINDERS		2 cylinders	
POWER SUPPLY		"230V / ±10% 50Hz ±1%"	
PRESSURE SWITCH WORKING RANGE		"ON: 30bar OFF: 34.5bar"	
RATED CURRENT		6.5A	

MAX POWERLITE NAILER LINE UP

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PowerLite nailer line up (Operating pressure is 12 to 23bar)

PowerLite



HN65J2
40-60 MM METAL JOINT

HVR41G425-41
MM DRYWALL

HS130
90-130 MM
FRAMING

HA65Q/ 15-11
38-65 MM
PANEL SHEATHING &
DECKING

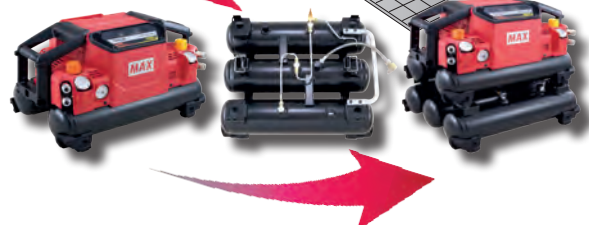
HN90F
45-90 mm ROOFING
TRUSS, DECKING, &
FRAMING

HA55SF2
15-55 MM
INTERIOR

HN65S
38-65 MM SIDING,
DECKING, & PANELING

HN25C2
15-25 MM
METAL STUD

HN120
14-65 MM
METAL, CONCRETE



For wood				For concrete
				
HS130	HN90F	HN65S	HN25C2	
For concrete/steel				
				
HN65Q/15-11	HN65J2	HVR41G4	HA55SF2//18	HN120

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