



Sheet Piler

**HYDRAULIC
HAMMERS**



SHEET PILERS



STEEL SHEARS



X-Y-Z CONCEPT



COMPACTORS



CRUNCHERS



CRUSHERS



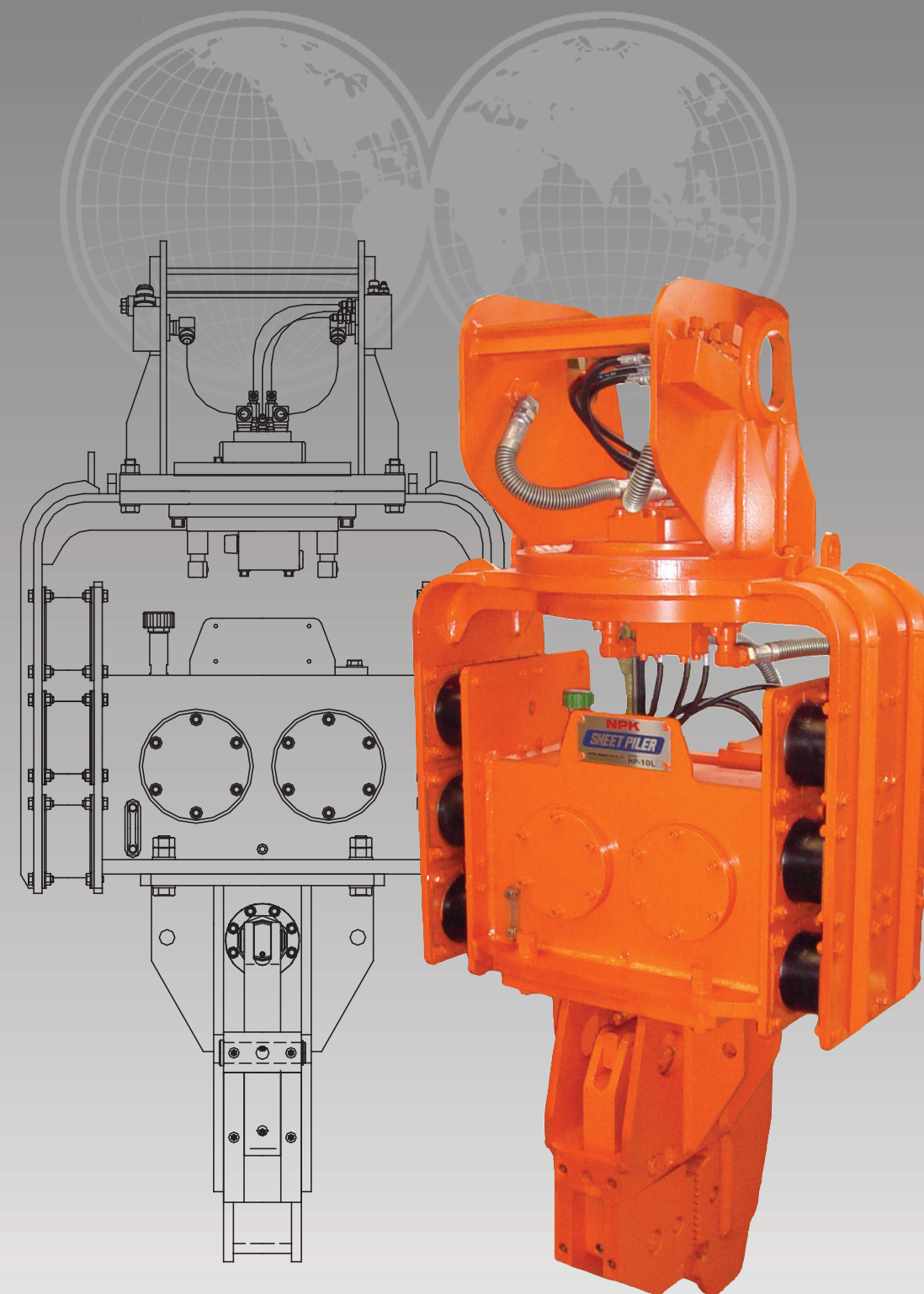
**DEMOLITION
GRABS**



**MULTI-
PROCESSORS**



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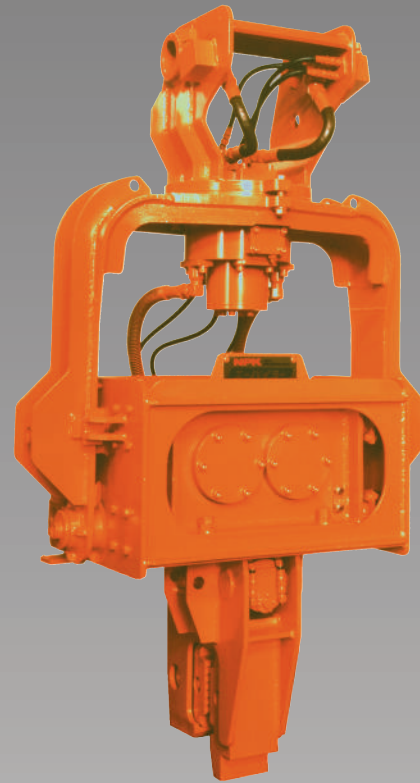
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SHEET PILER-HYDRAULIC HIGH FREQUENCY VIBRATION TYPE DRIVER-EXTRACTOR

Superior productivity

The NPK Sheet piler uses a high speed hydraulic motor to drive two counter rotating eccentric masses developing powerful vibration forces. Vibration and shock loading to the boom and arm of the excavator is avoided by having the unit mounted in durable rubber cushions and the design of the sheet piler causes the impulse forces to be directed downwards, giving optimum driving of the pile and least vibration effects to the excavator.



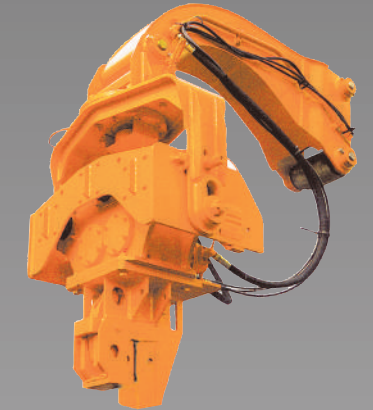
HP-4SX

FEATURES

- 180° free rotation allows precise alignment and positioning of the sheet pile.
- 90° rotatable chuck housing which gives excellent horizontal positioning to remove the sheet from the ground (HP-4SX, HP-7SX and HP-7SXB).
- An automatic hydraulic swivel lock prevents twisting of the sheeting, during driving or extracting operations.
- No external power source is required and the machine being simple to operate means that any excavator operator can easily drive and extract piles.
- Fitted with a hydraulic/mechanical cylinder lock for positive sheeting and pile-clamping-prevents slippage.
- Angle gauge standard: allowing the operator to easily check for correct inclination and simple adjustment.
- Noise insulating and shock absorbing rubber mounts.

EXCELLENT VERSATILITY

The mobility and maneuverability of the excavator mounted NPK Sheet piler permits operation in many previously confined or inaccessible areas; under low clearance obstructions (bridges, etc.), around bridge piers and next to walls. All models have 180° free rotation, which makes it easy to align the sheet in the correct position, before driving. Additionally, a feature of the models HP-4SX, HP-7SX and HP-7SXB is the 90° rotation of the chuck with horizontal lock mechanism.



TECHNICAL SPECIFICATIONS

| Model | HP-4SX | HP-7SX | HP-7SXB | HP-10L | HP-10S |
|------------------------|---------|---------|---------|---------|---------|
| Excavator weight (ton) | 10 – 15 | 17 – 21 | 17 – 21 | 25 – 35 | 25 – 35 |
| Operating weight (kg) | 736 | 1050 | 1050 | 1250 | 1250 |
| Frequency (c/min) | 3000 | 2400 | 2400 | 2400 | 2400 |
| Working pressure (MPa) | 15 | 12 | 15 | 16 | 16 |
| Oil flow (l/min) | -120 | -200 | -160 | -240 | -200 |
| Vibration force (kN) | 82 | 104 | 104 | 173 | 173 |
| Length (mm) | 1780 | 1910 | 1910 | 1970 | 1970 |
| Chuck opening (mm) | 35 | 40 | 40 | 40 | 40 |
| Chuck oil flow (l/min) | 10 – 20 | 10 – 20 | 10 – 20 | 10 – 20 | 10 – 20 |
| Chuck pressure (MPa) | 24 | 21 | 21 | 24 | 24 |