

X-SERIES
Junttan

HHx160-300

NEW GENERATION HYDRAULIC IMPACT HAMMERS

Junttan
respecting ground



SUPERIOR BLOW RATE

OPTIMIZED STRUCTURE TO ENSURE PRODUCTIVITY & DURABILITY

AUTOMATED FUNCTIONS FOR EASY, SAFE & EFFICIENT OPERATION

- Dial-up mode (energy or drop height)
- Pile cruise (minimum fuel consumption)
 - Hammer pilot
 - PDA mode
- Peak energy mode

ESPECIALLY DESIGNED FOR STEEL PILES

HHx160-300 New Generation Hydraulic Hammers

JUNTAN HHx SERIES, the new generation hydraulic hammers for tough conditions provides an adjustable stroke with blow rate up to 60 blows per minute. The new level of total efficiency of the HHx hammer combined with intelligent x-series solutions leads to a high level of piling project productivity, reliability and user-friendliness, as well as easy on-site service. The robust, totally new structural design of the HHx series hammers ensure that the hammer can be operated with full capacity at all times in the toughest conditions.

The Junttan HHx hammers are ideal solution for driving steel piles. The hammers are operated with the new generation Junttan xCU power packs which fulfil the latest environmental requirements and can be supplied with Tier 3 or Tier 4 final engines.



MODEL	HHx160	HHx190	HHx210	HHx250	HHx300
RAM WEIGHT	10 000 kg (22 000 lb)	12 000 kg (26 400 lb)	14 000 kg (30 800 lb)	16 000 kg (35 200 lb)	20 000 kg (44 000 lb)
MAXIMUM ENERGY	160 kNm (118 000 ft-lb)	190 kNm (140 030 ft-lb)	210 kNm (154 770 ft-lb)	250 kNm (184 250 ft-lb)	300 kNm (221 100 ft-lb)
MAXIMUM ENERGY "PEAK-MODE"	175 kNm (129 000 ft-lb)	205 kNm (151 200 ft-lb)	225 kNm (165 951 ft-lb)	270 kNm (199 100 ft-lb)	320 kNm (236 020 ft-lb)
BLOW RATE WITH MAXIMUM ENERGY	60 – 120 (15xCU)	50 – 120 (15xCU)	45 – 120 (15xCU)	60 – 120 (20xCU)	50 – 120 (20xCU)
PRESSURE	200 bar (2901 psi)	225 bar (3 263 psi)	250 bar (3 626 psi)	200 bar (2 901 psi)	250 bar (3 626 psi)
OIL FLOW	575 l/min (152 gpm)	575 l/min (152 gpm)	575 l/min (152 gpm)	785 l/min (207 gpm)	785 l/min (207 gpm)
POWER OUTPUT	192 kW (257 hp)	216 kW (290 hp)	240 kW (322 hp)	262 kW (351 hp)	327 kW (439 hp)
STANDARD DRIVE CAP	Ø 1 280 mm (50.4 in)	Ø 1 280 mm (50.4 in)	Ø 1 280 mm (50.4 in)	Ø 1 720 mm (67.7 in)	Ø 1 720 mm (67.7 in)
MAX PILE SIZE	Ø 1 200 mm (47.2 in)	Ø 1 200 mm (47.2 in)	Ø 1 200 mm (47.2 in)	Ø 1 600 mm (63.0 in)	Ø 1 600 mm (63.0 in)
LENGTH W/O SLEEVE	6 823 mm (22.4 ft)	7 303 mm (24.0 ft)	7 733 mm (25.4 ft)	6 832 mm (22.4 ft)	7 413 mm (24.3 ft)
LENGTH WITH SLEEVE	9 068 mm (29.8 ft)	9 548 mm (31.3 ft)	9 978 mm (32.7 ft)	9 077 mm (29.8 ft)	9 667 mm (31.7 ft)
WEIGHT W/O SLEEVE	24 326 kg (53 517 lb)	27 690 kg (60 918 lb)	30 185 kg (66 546 lb)	36 562 kg (80 436 lb)	42 622 kg (93 768 lb)
WEIGHT WITH SLEEVE	26 200 kg (57 761 lb)	29 564 kg (65 177 lb)	32 059 kg (70 678 lb)	39 700 kg (87 523 lb)	45 760 kg (100 883 lb)



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