

Junttan PM20L



AARSLEFF

The Junttan PM20LC is a compact piling rig ideal for driving timber, steel and concrete piles. With a 8.6 tonne hammer weight and a maximum pile length of 20 meters (66 ft) makes this rig a very capable machine.

The PM20L rig has the same proven features as other Junttan machines, with a rugged design making it a safe and reliable rig even in the most demanding working conditions. The rig is fitted with a self-erecting telescopic leader ensures easy and fast handling of piles.

The expandable tracks and a low centre of gravity of the Junttan PM20L piling rig make it exceptionally stable, with the horizontal movement of the leader ensuring fast and safe spotting of piles.

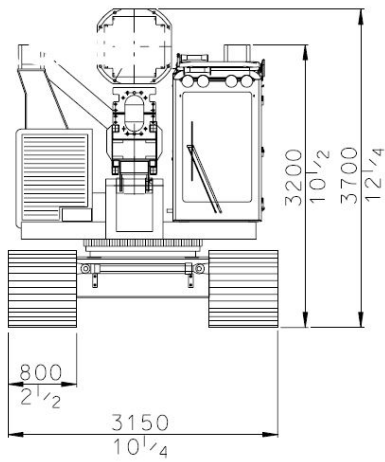
The rugged design of the Junttan continues inside the cabin, with ergonomic controls and fully safety tested cabin allowing the driver to concentrate completely on his work. The compact size of the rig means it can be easily transported to a new working site.

The Junttan PM20L piling rigs in Aarsleff's fleet have proven reliable and valued machines, having been deployed on a variety of projects spanning the commercial, infrastructure and civils sectors.

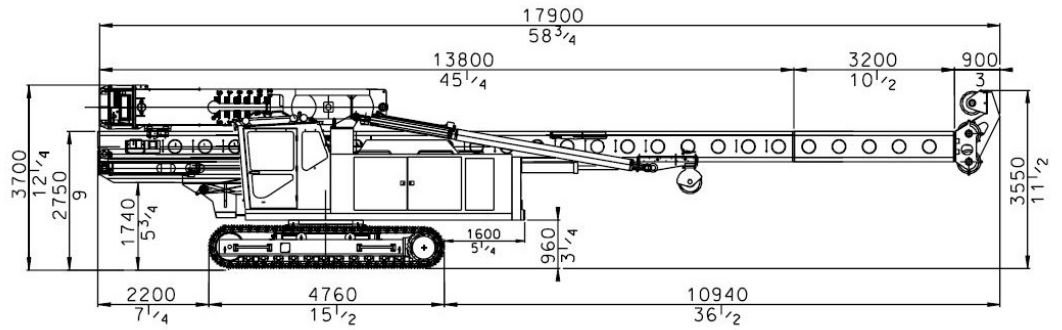
- Ability to drive timber, steel and concrete piles up to 19m lengths
- Compact transport dimensions
- Fitted with a 8.6t Hydraulic Hammers
- Self-erecting telescopic leader ensures easy & fast handling
- Rugged design with state-of-the-art safety features
- Ergonomic cabin features



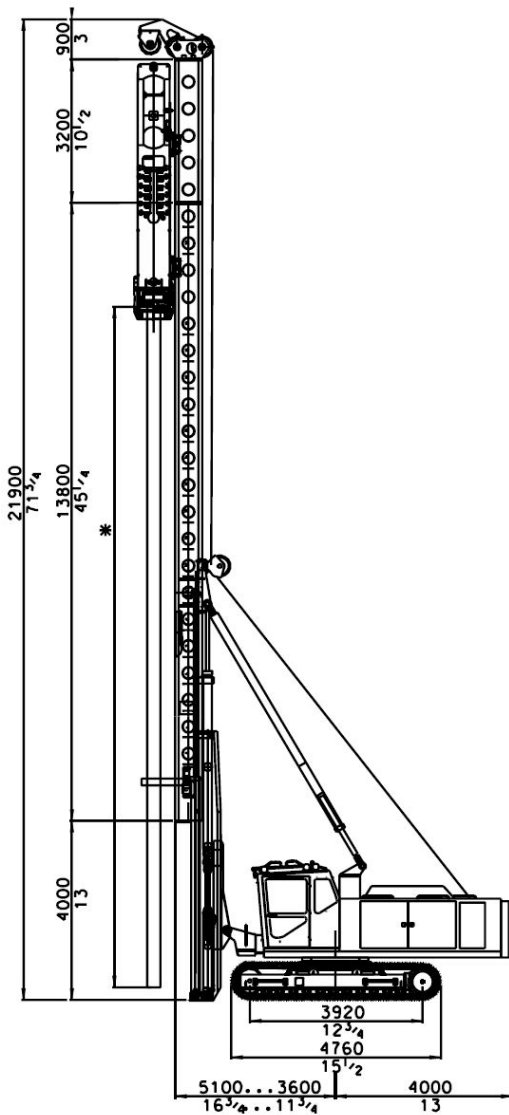
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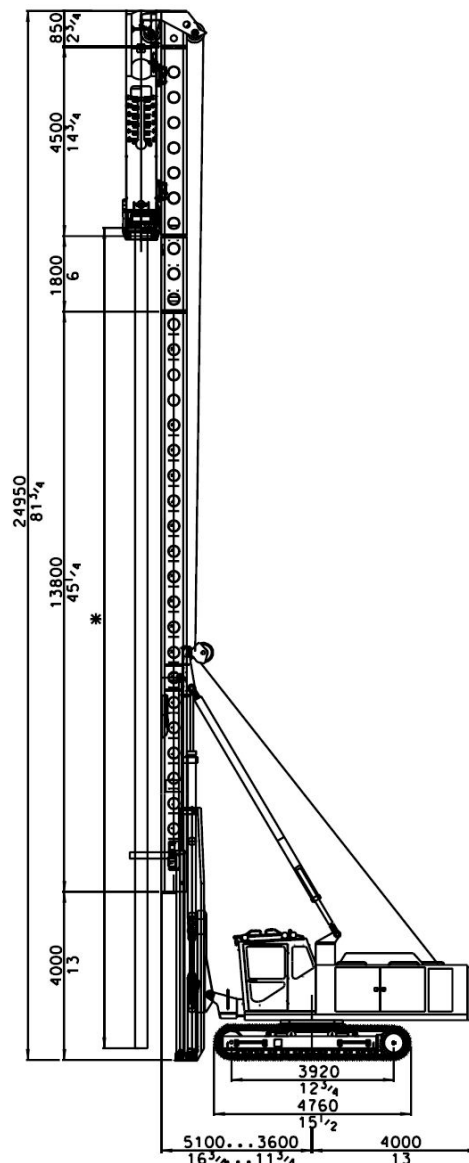
Minimum track width



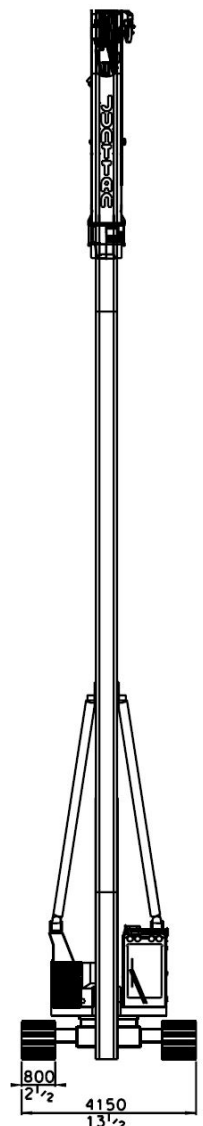
Standard PM20L transport dimensions with HHK 4A hammer



Standard PM20L with top cathead



PM20L with with leader extension and side cathead





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TECHNICAL DATA

UNDERCARRIAGE	
Undercarriage Type	AV 20L0401
Crawler Length	4760mm / 15 ½ ft.
Minimum Width	3150mm / 10 ¼ ft.
Maximum Width	4150mm / 13 ½ ft.
Lightened type track shoes	800mm / 2 ½ ft.

UPPERCARRIAGE	
Engine Type	Cummins QSB5.9
Maximum Power	179 kW / 243 HP
Fuel Tank	600 Litres / 158 gal
Counterweight	6,200kg / 13,669 lb

HYDRAULIC SYSTEM	
Maximum Oil Flow	2X160 + 86 l/min / 2000rpm
Maximum Pressure	320 bar / 4640 psi
Oil Tank	600 Litres / 158 gal

LEADER		
Leader Type	KE 20L0501	
Leader Sections	13.8m + 3.2m / 453 ft. + 10 ft.	
Total Leader Length	21.9m / 72 ft.	
Maximum Capacity (Pile & Hammer)	13,000kg / 28,700 lb	
Vertical Movement up/down	1000mm / 500mm 40inch / 20inch	
Maximum Horizontal Movement	1500mm / 59inch	
Winch Capacity	Pile	8,000kg / 17,600 lb
	Hammer	10,000kg / 22,000 lb
Recommended Hammer Type	HHK 4AL, HHK 4A, HHK 4S, HHK 5A	
Maximum Pile Length (HHK 5S)	19m / 62ft	

TRANSPORT DIMENSIONS	
Length	17.9m / 59 ft.
Width	3150mm / 10 ¼ ft.
Height without Hammer	3550mm / 11 ½ ft.
Height with Hammer	3700mm / 12 ¼ ft.
Working Weight	58,500 kg / 128,970 lb

Aarsleff Ground Engineering Ltd, is the UK trading arm of Danish contracting giant Per Aarsleff A/S, and is one of the UK's leading piling and geotechnical design and installation specialist contractors; actively promoting early consultation to ensure each scheme can be Value Engineered to give clients the best service, quality design, safety and value. Aarsleff's strategy and philosophy of investment into the future has resulted in its wholly owned subsidiary Centrum Pile Ltd having the most advanced precast pile production facilities in the UK, producing segmentally jointed precast concrete piles to BS En12794 to Class 1A.

Contact
Aarsleff Ground
Engineering
info@arsleff.co.uk
Tel 01636 611140

www.aarsleff.co.uk