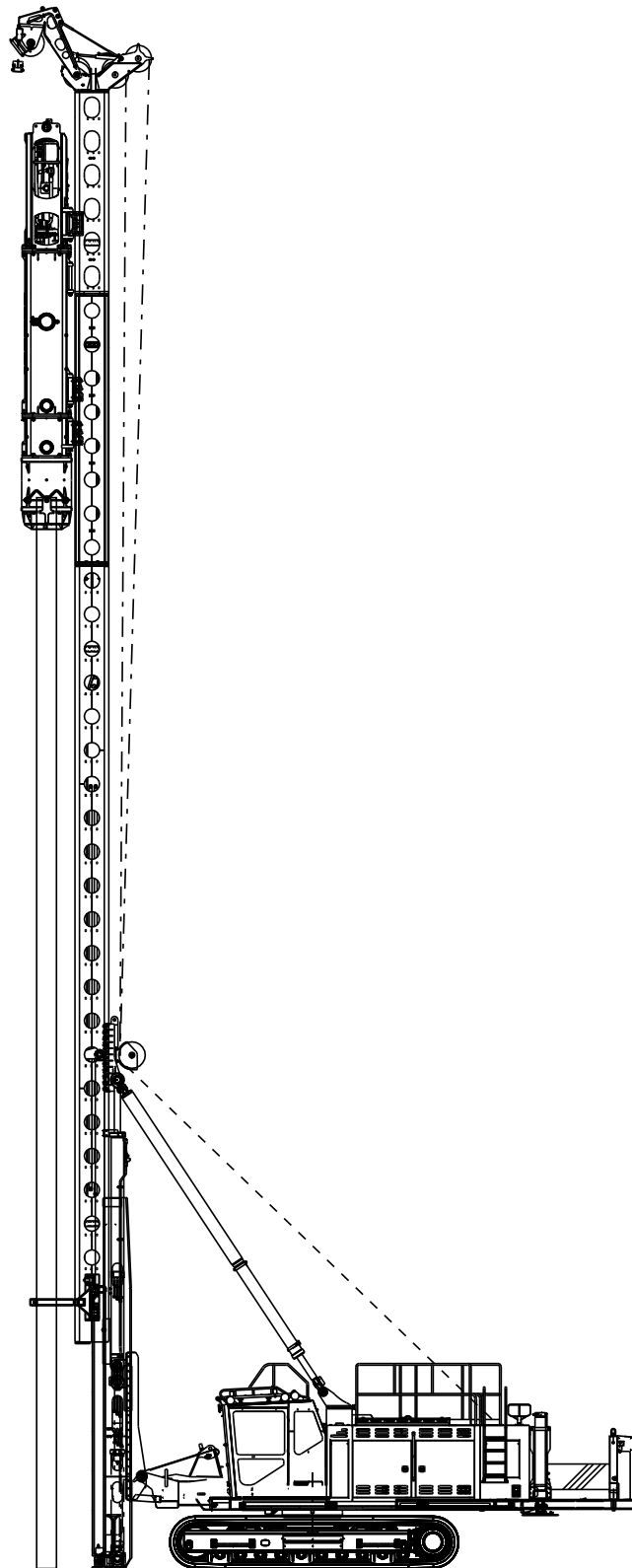


Junttan

Pile Driving Rig

PMx24



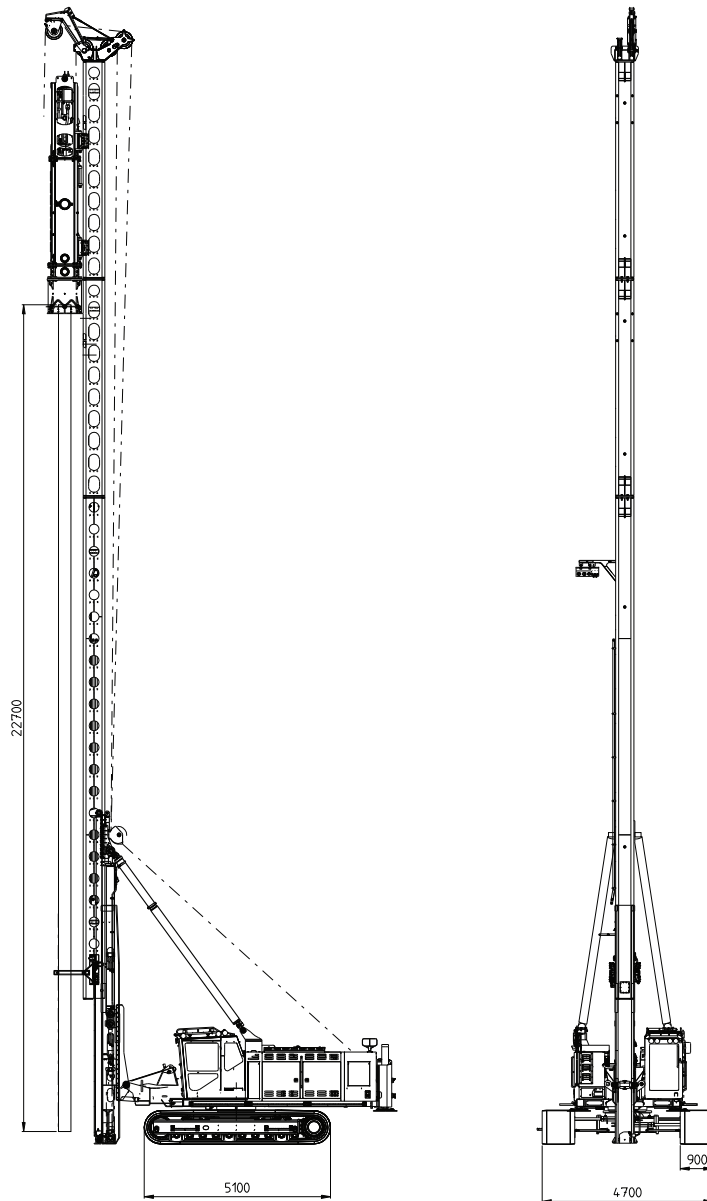
Original
Junttan
product

DATA SHEET

General Information

Junttan PMx24 is a compact piling rig for pile driving timber, steel and concrete piles. It has a higher maximum leader capacity for pile and hammer load and more powerful leader control than its smaller brother PMx22. This enables fast and accurate handling of piles – even with big rakes. The recommended hammer weight is from 5 000 to 6 000 kg and the maximum pile length is 24 meters (79 ft) with SHK5 hammer. The rig has proven productivity due to excellent mobility and stability. The telescopic leader ensures easy and fast handling of piles. Top pile driving performance is guaranteed with Junttan hydraulic hammers. An optional side drill makes pile driving even more efficient in some soil conditions. With optional Junttan equipment, optimized working set-up of the rig can be easily achieved.

This Junttan piling rig has the same proven features as the bigger Junttan machines. Its rugged design makes it a safe and reliable rig even in the most demanding working conditions. The self-erecting leader and many advanced technical features ensure that the rig is ready to work in just a few minutes. The ergonomic and safety tested cabin allows the driver to concentrate completely on his work. The expandable tracks and low centre of gravity make the rig exceptionally stable in different working situations. The horizontal movement of the leader ensures fast spotting of the pile. Because of the compact size the rig can be easily transported to a new working site.



PMx24 with longest available leader configuration (Hydraulic Impact Hammer SHK5/6)

Technical Data

Basic features

| | | | |
|-----------------------------|------------|---------------|------------|
| Average working weight | | 68 000 kg | 149 900 lb |
| Leader capacity | | 18 000 kg | 39 700 lb |
| Winch capacity | Pile: | 10 000 kg | 22 000 lb |
| | Hammer: | 12 000 kg | 26 500 lb |
| | Auxiliary: | 5 000 kg | 11 000 lb |
| Recommended hammer type | | HHK 4 - HHK 6 | |
| *Maximum pile length (SHK5) | | 24 m | 79 ft |

Uppercarriage

| | | | |
|------------------|--|-------------------------|------------------------|
| Type | Junttan PMx24 | | |
| Engine | Type: | Cummins QSB6.7 | |
| | Power: | 179 kW | 240 hp |
| | Fuel tank: | 550 liters | 145 gal |
| Hydraulic system | Max flow: | 2x214 + 120 lpm/2000rpm | 2x57 + 32 gpm/2 000rpm |
| | Max pressure: | 350 bar | 5 076 psi |
| | Cooling system: | 2x25kW (dT=30degC) | |
| | Oil tank: | 750 liters | 198 gal |
| Control system | Junttan X control system | | |
| Slew drive | Single drive, 1 380 mm double row slewing ring | | |
| Counterweight | Extendable | 4 500 + 1 900 kg | 9 900 + 4 200 lb |

Leader

| | | | |
|--------------|--|--------------|----------|
| Type | Telescopic PMx24 | | |
| Movements | Telescope | 4 000 mm | 158 in |
| | Foot (up/down) | 1 000/500 mm | 40/20 in |
| | Horizontal | 1 500 mm | 59 in |
| Inclinations | According separate capacity tables Electronic inclinometer included | | |

Undercarriage

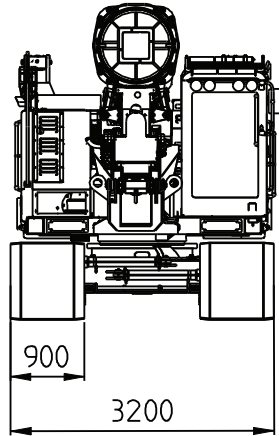
| | | | |
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| Type | JH51138HD | | |
| Crawler length | | 5 100 mm | 200 in |
| Crawler type | | D7A | |
| Width (900 shoes) | Min: | 3 200 mm | 126 in |
| | Max: | 4 700 mm | 185 in |
| Track shoe options | Width: | 800/900/1 000 mm | 31½/35½/39½ in |
| | Surface: | 3-edge / flat edges / flat | |
| | Edge type: | normal / chamfer / bended | |

Accessories

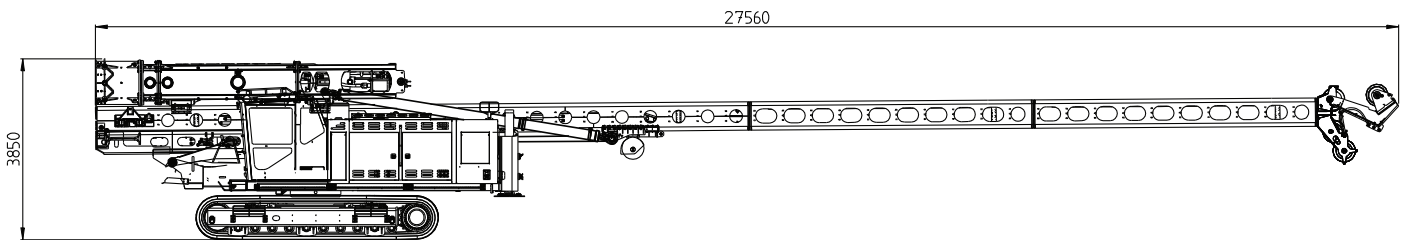
| | | |
|-------------------|-----------|--|
| Side cathead | | iPiler PCD |
| Side auger | JD1,5/JD3 | Arctic kit (Heats: batteries, engine, h-oil) |
| Rear support legs | | Tropical kit (2x35kW / dT=30degC coolers) |
| Air conditioning | | Leader hinge |

* Pile length depends on the hammer.

Transport Dimension



Minimum track width.



**PMx24 transport dimensions with longest available leader configuration (Hydraulic Impact Hammer SHK5/6).
Optional leader hinge available**