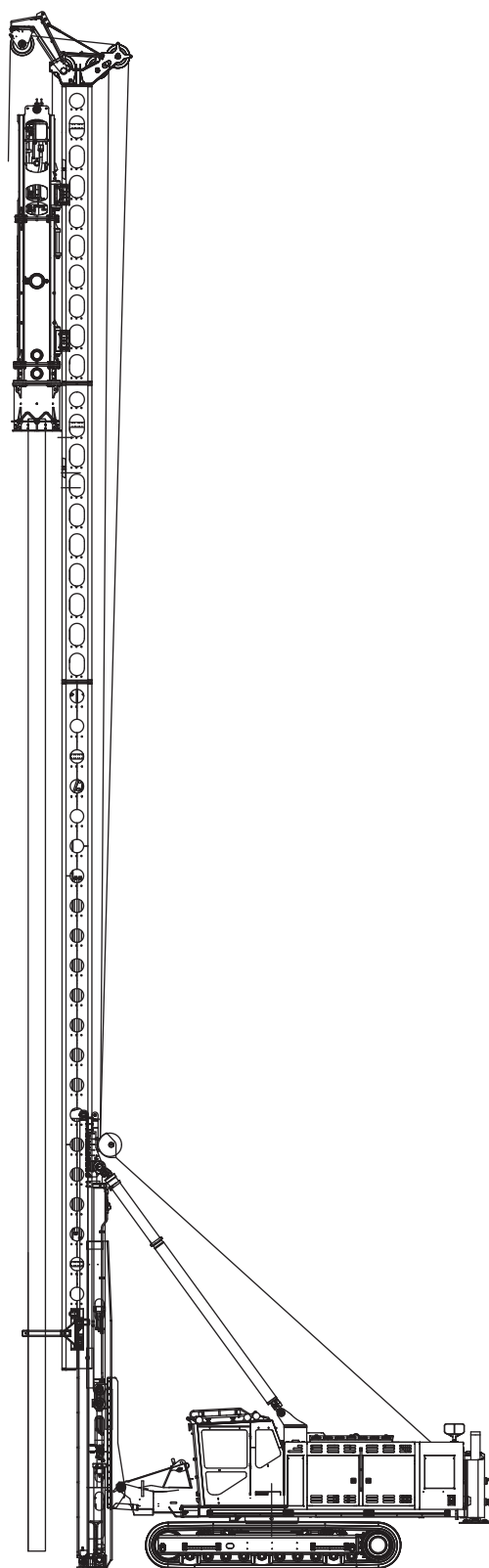


**Junttan**

Pile Driving Rig

PMx24



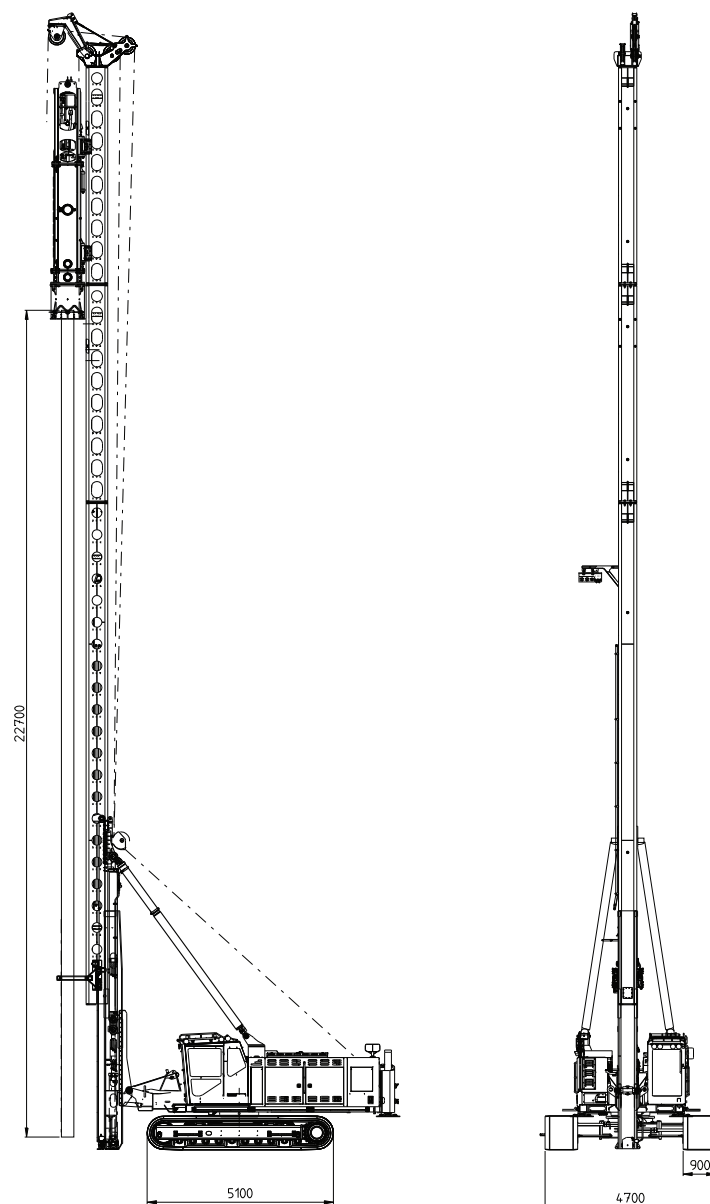
Original  
Junttan  
product

**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 SHK100-3/4 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 SHK100-5/6)**

\* Pile length depends on the hammer. See the table of hydraulic hammers beside.

# Technical Data

## Basic features

Nominal operational 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		HHK4- HHK6	
Maximum pile length (SHK100-3/4)		24 m	79 ft

## Uppercarriage

Type	Junttan PMx2245		
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	5 500 + 2 000 kg	12 100 + 4 400 lb

## Leader

Type	Telescopic PMx245		
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

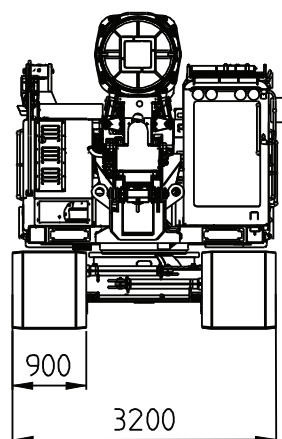
Type	JH51138HD		
Crawler length		5 100 mm	200 in
Crawler type		D7A	
Width (900 shoes)	Min:	3 200 mm	126 in
	Max:	4 700 mm	185 in
Track shoe options	Width:	800/900/1 000 mm	31½/35½/39½ in
	Surface:	3-edge / flat edges / flat	
	Edge type:	normal / chamfer / bended	

## Accessories

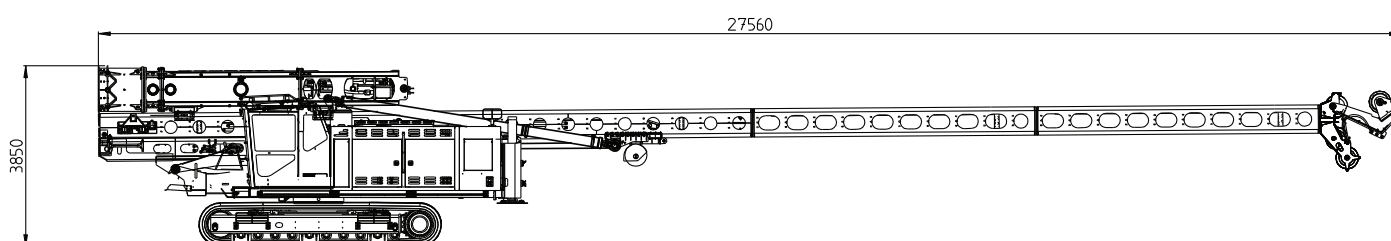
* Side cathead			* iPiler PCD
* Side auger	JD1,5/JD3		* Arctic kit (Heats: batteries, engine, h-oil)
* Rear support legs			* Tropical kit (2x35kW / dT=30degC coolers)
* Air conditioning			* Leader hinge

\* Contact Junttan sales for all available options and accessories

## Transport Dimension



**Minimum track width.**



**PMx24 transport dimensions with longest available leader configuration (Hydraulic Impact Hammer SHK100-5/6).**

**Optional leader hinge available**

**Junttan**

**Junttan Oy**  
P.O. Box 1702 (Matkuksentie 7)  
FI-70701 KUOPIO, Finland

Tel. +358 10 195 221  
Fax +358 17 287 4411  
junttan@junttan.com