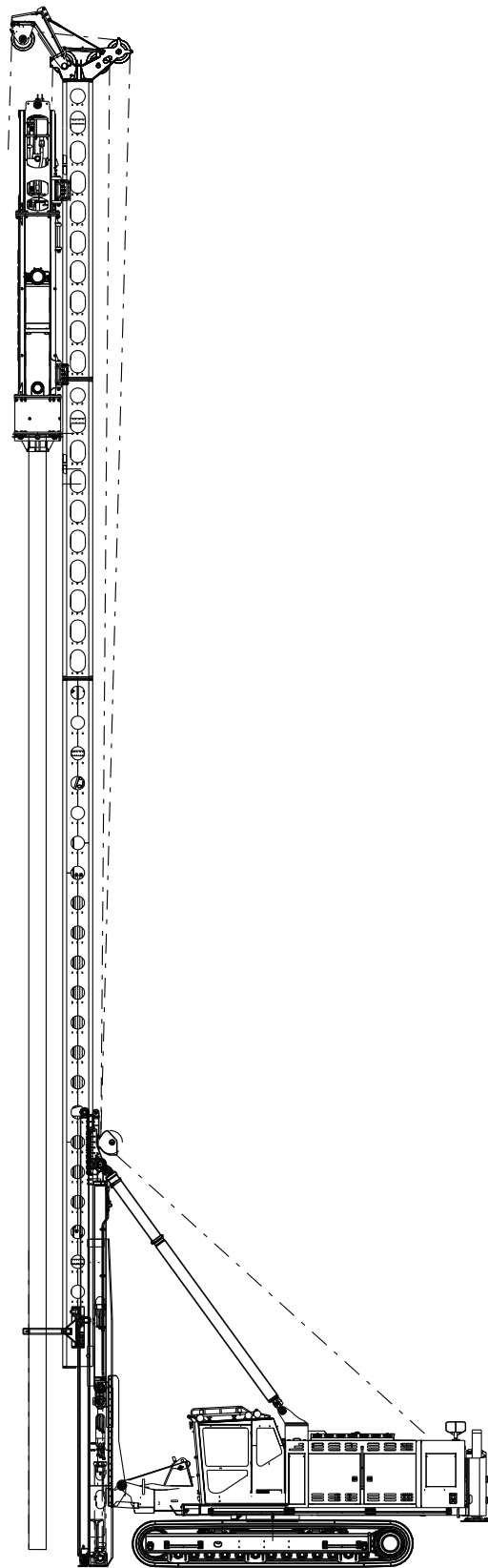


**Junttan**

**Pile Driving Rig**

PMx25



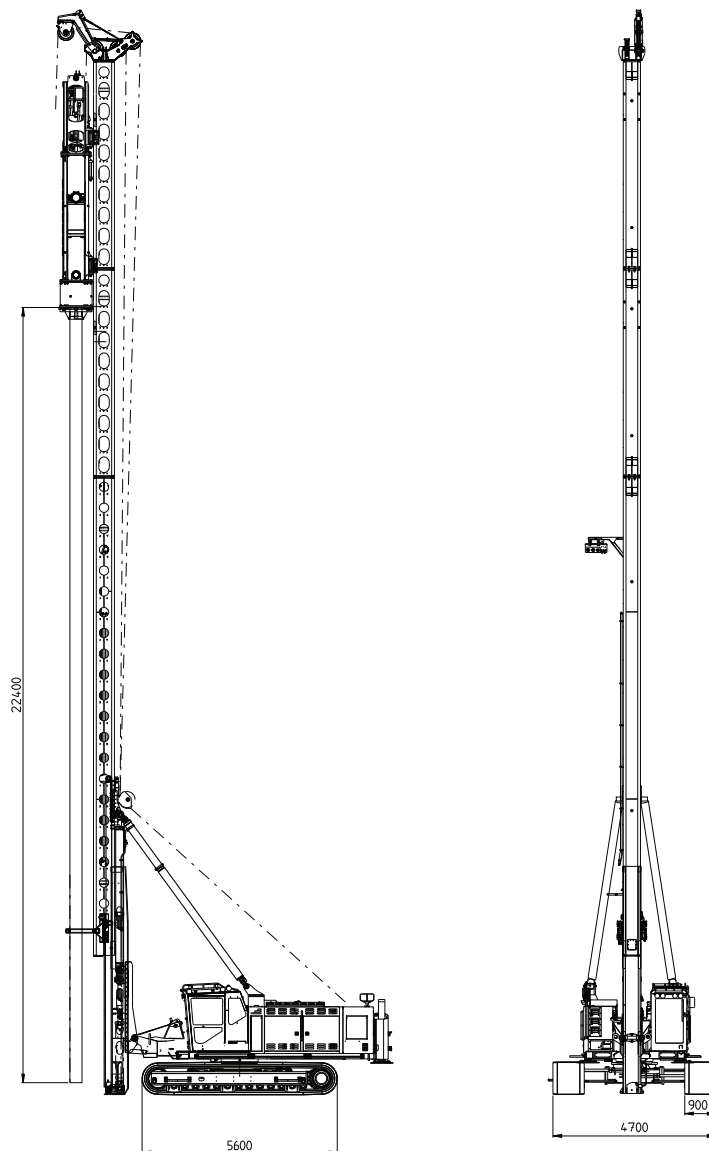
Original  
Junttan  
product

**DATA SHEET**

## General Information

**Junttan PMx25** is a medium weight piling rig designed for driving steel and concrete piles. The rig has excellent stability and wide leader inclination angles. The recommended hammer ram weight is from 5 000 to 7 000 kg and the maximum pile length is 24 meters (79 ft) with SHK 100-3/4 hammer. The rig has proven productivity and the telescopic leader ensures easy and fast handling of piles. Top pile driving performance is guaranteed with Junttan hydraulic hammers. An optional side drill or vibrator hammer makes pile driving even more efficient in some soil conditions. With optional Junttan equipment, optimised working set-up of the rig can be easily achieved.

This Junttan piling rig has all proven features of Junttan X-series, but bigger engine than its smaller brothers. 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. In spite of larger size the rig can be still easily transported to a new working site.



**PMx25 with longest available leader configuration (Hydraulic Impact Hammer SHK110-7)**

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

# Technical Data

## Basic features

Nominal operational weight (LC/HD)		70 000/65 000 kg	154 300/143 300 lb
Leader capacity		18 000 kg	35 300 lb
Winch capacity	Pile:	10 000 kg	22 000 lb
	Hammer:	13 000 kg	26 500 lb
	Auxiliary:	5 000 kg	11 000 lb
Recommended hammer type		SHK 110-5 - SHK 110-7	
Maximum pile length (SHK 100-3/4)		22 m	78 ft

## Uppercarriage

Type		Junttan PMx25	
Engine	Type:	Cummins QSB6,7	E4 Stage IV/US EPA Tier 4 Final
	Power:	224kW	300 hp
	Fuel tank:	550 liters	145 gal
Hydraulic system	Max flow:	2x214 + 120 lpm/2000rpm	2x57 + 32 gpm/2 000rpm
	Max pressure:	350 bar	4 640 psi
	Cooling system:	2xT6 coolers	
	Oil tank:	750 liters	198 gal
Winches	Type:	Junttan	
Counterweight	Extendable	5 500 + 2 000 kg	12 100 + 4 400 lb

## Leader

Type		Telescopic PMx25	
Capacity		18 000 kg	39 600 lb
Movements	Telescope	4 000 mm	158 in
	Vertical (up/down)	1 000/500 mm	40/20 in
	Horizontal	1 500 mm	59 in
Inclinations	According separate capacity tables Electronic inclinometer included		

## Undercarriage

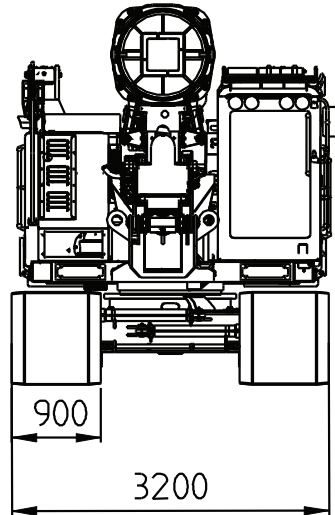
Type		JH57138	
Crawler length (HD/LC)		5 100 mm / 5 700 mm	200 in / 225 in
Width (900 shoes)	Min:	3 200 mm	126 in
	Max:	4 700 mm	185 in
Track shoe options	Width:	800/900/1 000 mm	31½/35½/39½ in
	Surface:	3-edge / flat edges / flat	
	Edge type:	normal / chamfer / bended	

## Accessories

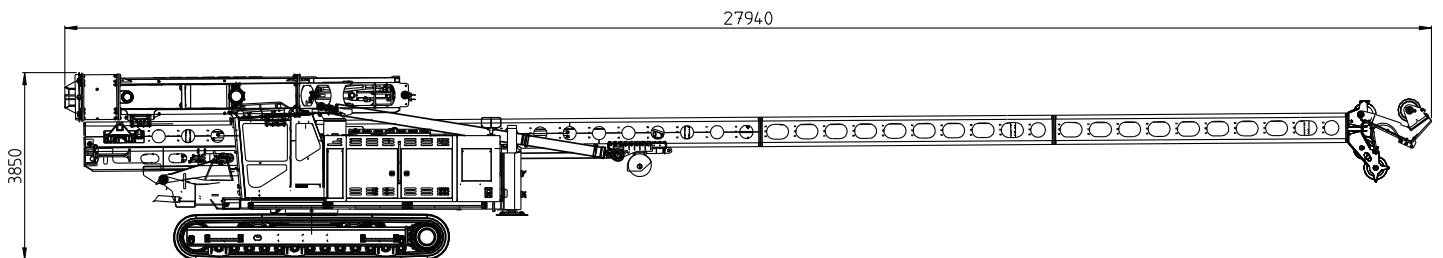
* Side cathead			* iPiler PCD
* Side auger	JD3		* Air conditioning
* Rear support legs			* Leader hinge
* Auxiliary winch (5 000 kg / 11 000 lb)			

\* Contact Junttan sales for all available options and accessories

# Transport Dimension



**Minimum track width.**



**PMx25 transport dimensions with longest available leader configuration (Hydraulic Impact Hammer SHK 110-7).**

**Optional leader hinge available**

**Junttan**

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

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