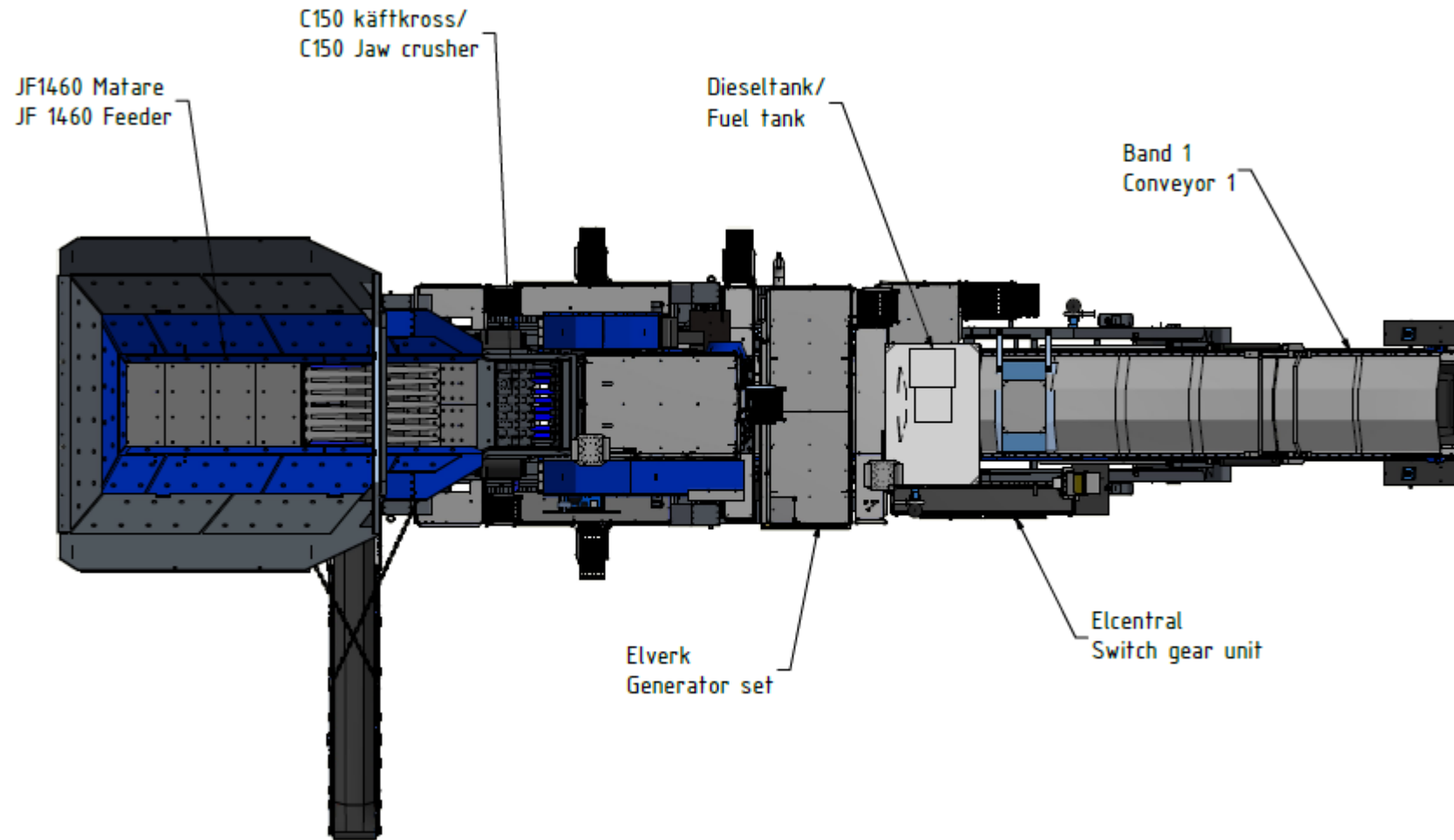




Jonsson L150 Mobile Jaw Crusher

Technical Presentation

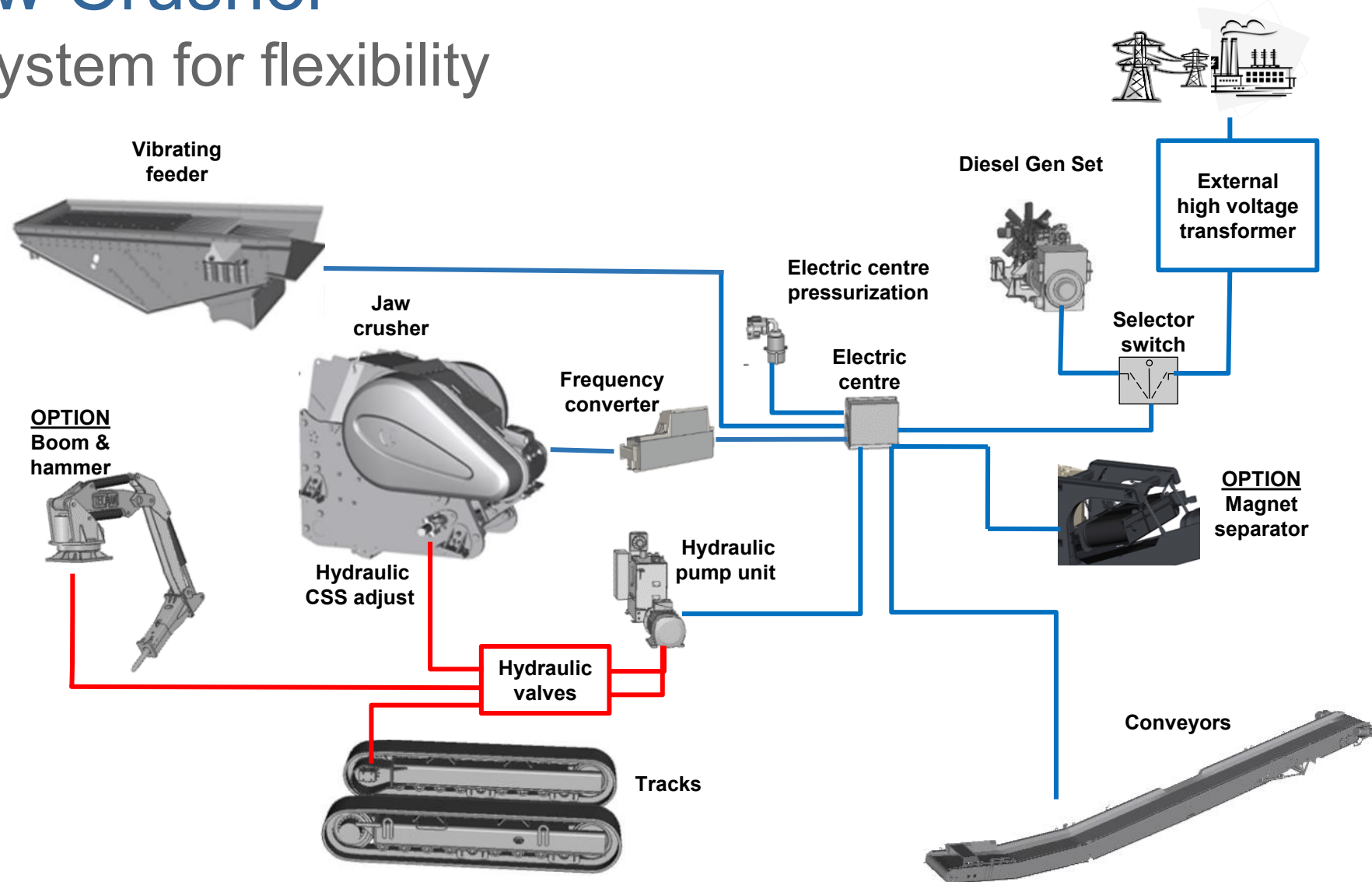
L150 Features and main components



L150 Mobile Jaw Crusher

Dual Power drive system for flexibility

- Hybrid can be power by running the diesel genset on board or connected directly to local electric grid
- The hybrid solution offers flexibility and makes it possible to always select the most economical power source
 - E.g. electricity price peak hours



L150 Mobile Jaw Crusher

Nordberg C150 Jaw Crusher

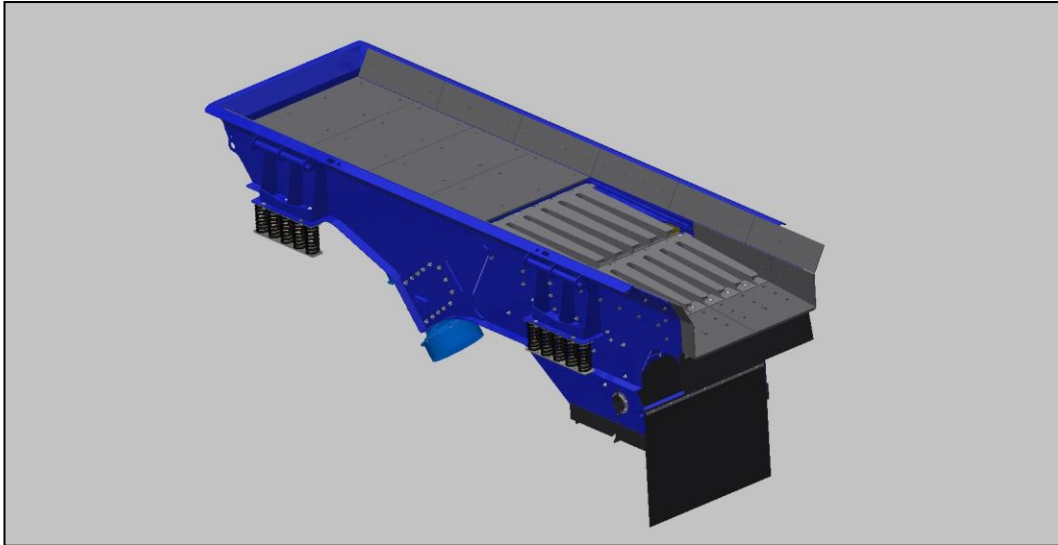


C150 Jaw Crusher

- Power 200 kW (300 hp)
- Speed 220 rpm
- Basic crusher weight = 50 950 (112 325 lbs)
- Intake width 1400 mm (55")
- Intake depth 1200 mm (47")

L150 Mobile Jaw Crusher

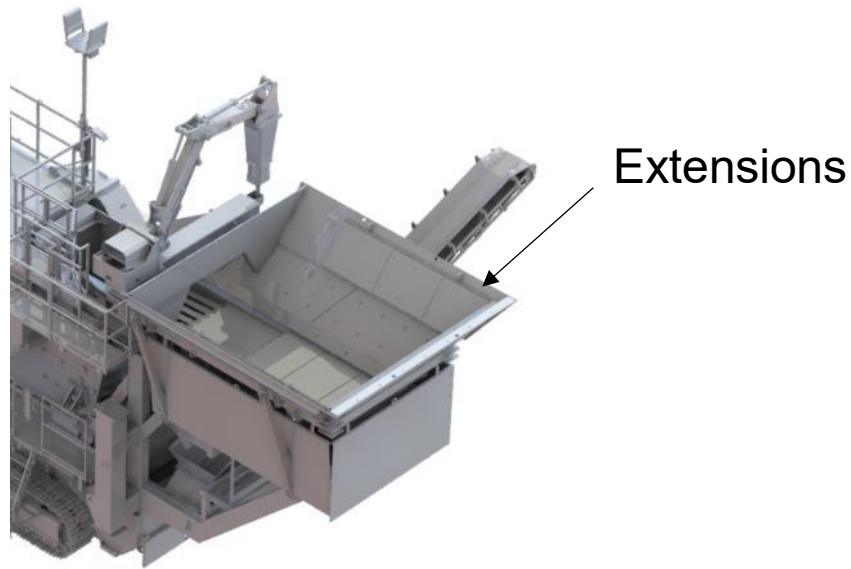
Feeder



Jonsson JF1460

- Width 1400 mm (55 in)
- Length 5600 mm (220 in)
- Frequency converter for speed regulation
- Grizzly length 2X1200 mm
- Grizzly spacing standard 100 mm
- Electrical vibrating units 2x13 kW
- Rubber lined feeder pan
- Screening deck below grizzly delivered with rubber cloth for blinding

L150 Mobile Jaw Crusher Feed hopper



Hopper

- Feed height 5900/6400* mm (Approximately)
- 8 m³ capacity /18 m³*
- Feed width 3200 mm/5450 mm*

*With optional extension



L150 Mobile Jaw Crusher

Electric system

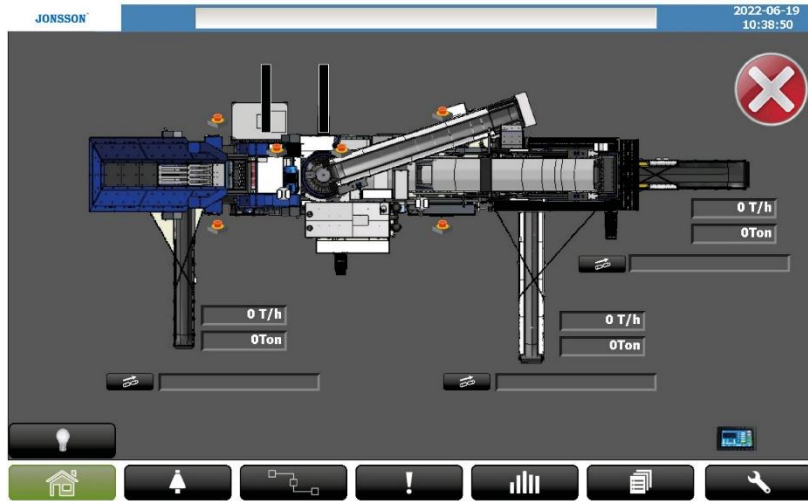


Electric system

- Cover sealing protects against moisture and dust
- Wires are coded for easy identification
- Modules are in well protected places
- Durable and heat resistant cables
- Over pressure fans for all cabinets
- Roof over cabinets for protection

L150 JonSys control system

JonSys control system



Control and monitoring panel



Vehicle control panel



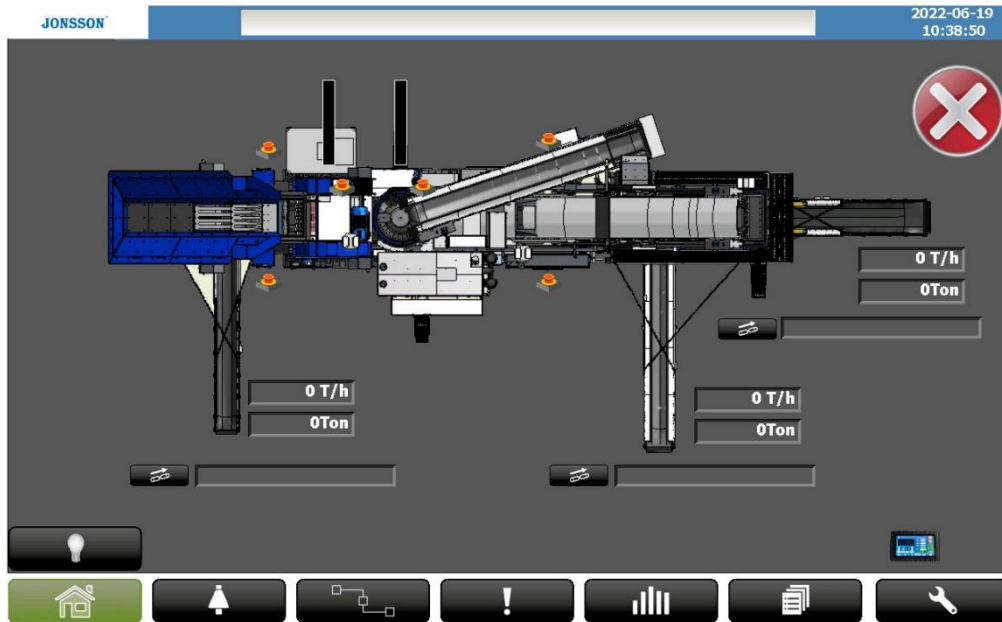
Small radio unit

This machine can be controlled from 3 different types of units:

- Control and monitoring panel, fitted in the electric centre
- Vehicle control panel, fitted in the excavator or tractor (Option)
- Small radio unit, wireless remote control

L150 JonSys control system

JonSys control and monitoring panel



Control and monitoring panel on machine

- Monitor and control the machine from the control centre
- Ability to adjust production parameters
- Showing data on:
 - Production from belt scales
 - Fuel consumption
 - Active alarms
 - Utilization

L150 Mobile Jaw Crusher (Option)

JonSys Vehicle panel

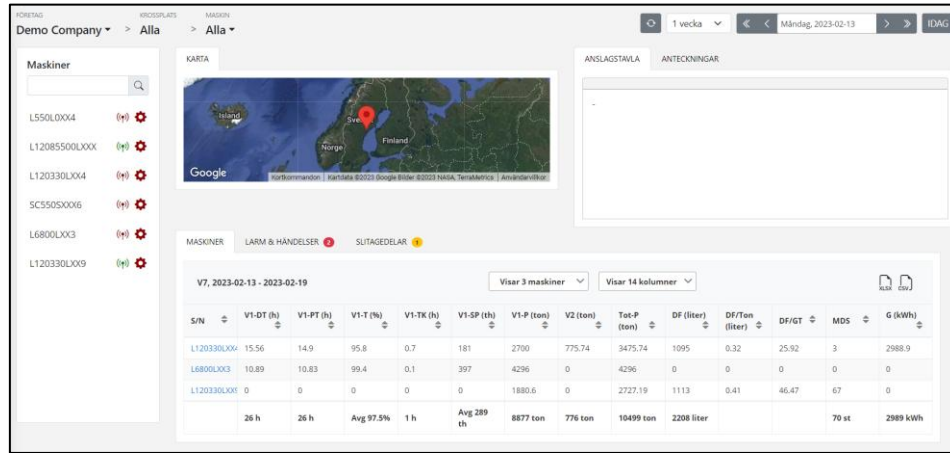


Vehicle panel

- Monitor and control the machine from an excavator or tractor
 - Ability to change important production setpoints and show production trends to optimize production directly from excavator or tractor
 - Increased safety since the operator does not need to leave the excavator cabin
- All configurations can be done from the Vehicle panel

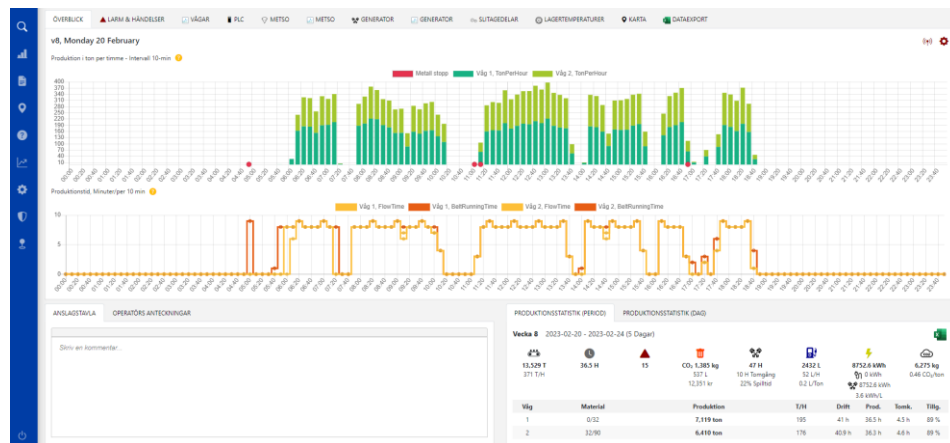
L150 Mobile Jaw Crusher (Option)

Jonsson monitoring system JMS



JMS Web – make your production visible

- Overview status of all connected machines.
- Showing data on:
 - Production from belt scales
 - Fuel consumption
 - Utilization
 - Active alarms
 - Bearing temperatures
- Make production reports and input for invoicing without delay
- Access to digital documentation, drawings, spare parts. etc



L150 Mobile Jaw Crusher

Main conveyor

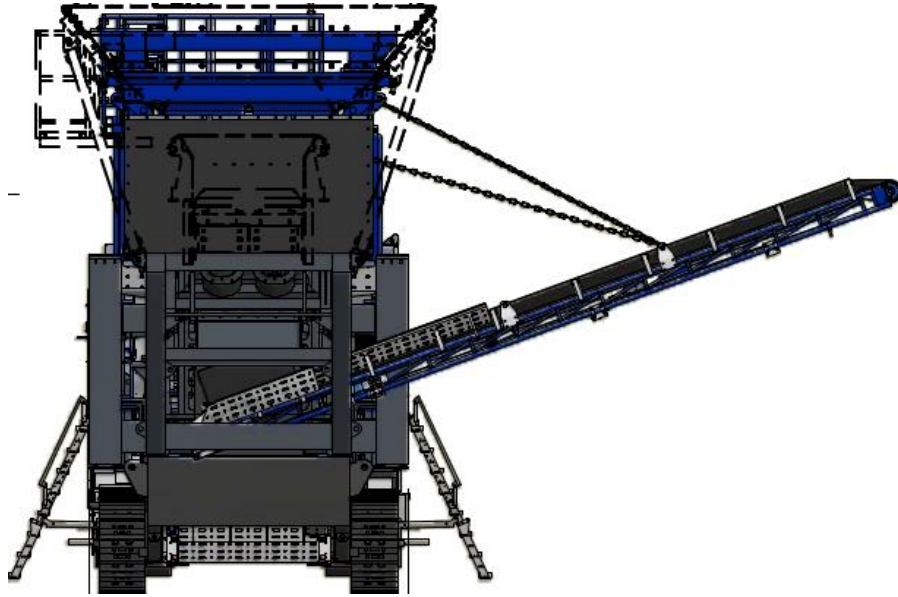


Main Conveyor

- Discharge height 4050 mm - 5000 mm
- Length 16580 mm
- Width 1600 mm
- Dual electric drive 2 x 18,5 kW
- Belt scale as option
- Ultrasonic sensor as option

L150 Mobile Jaw Crusher

Side Conveyor (optional)

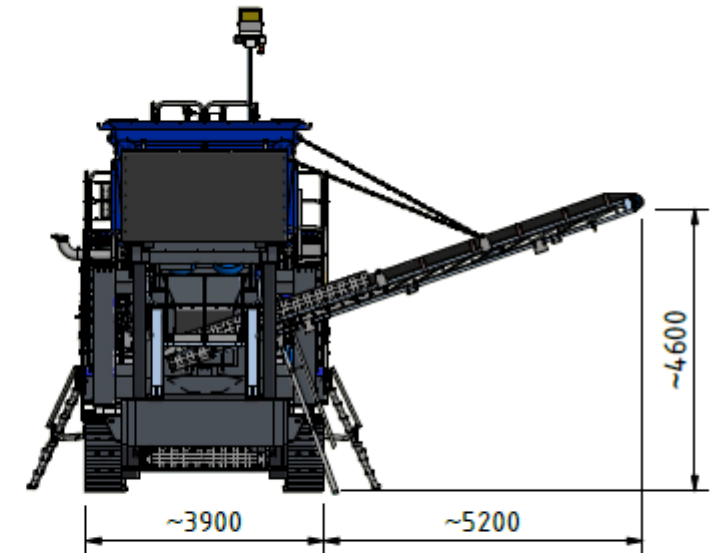
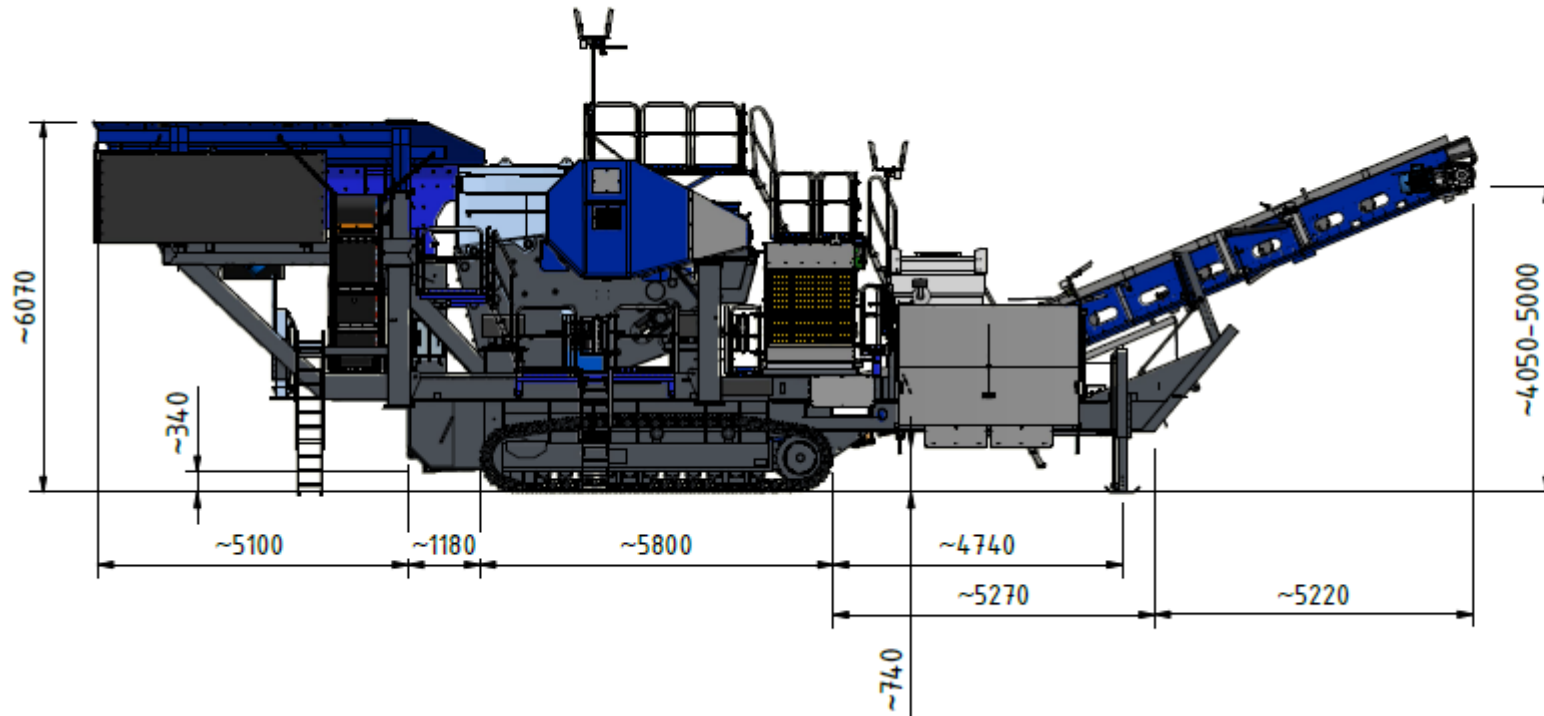


Side Conveyor

- Discharge height 4600 mm
- Length 8000 mm
- Belt width 650 mm
- Electric drive 5,5kW

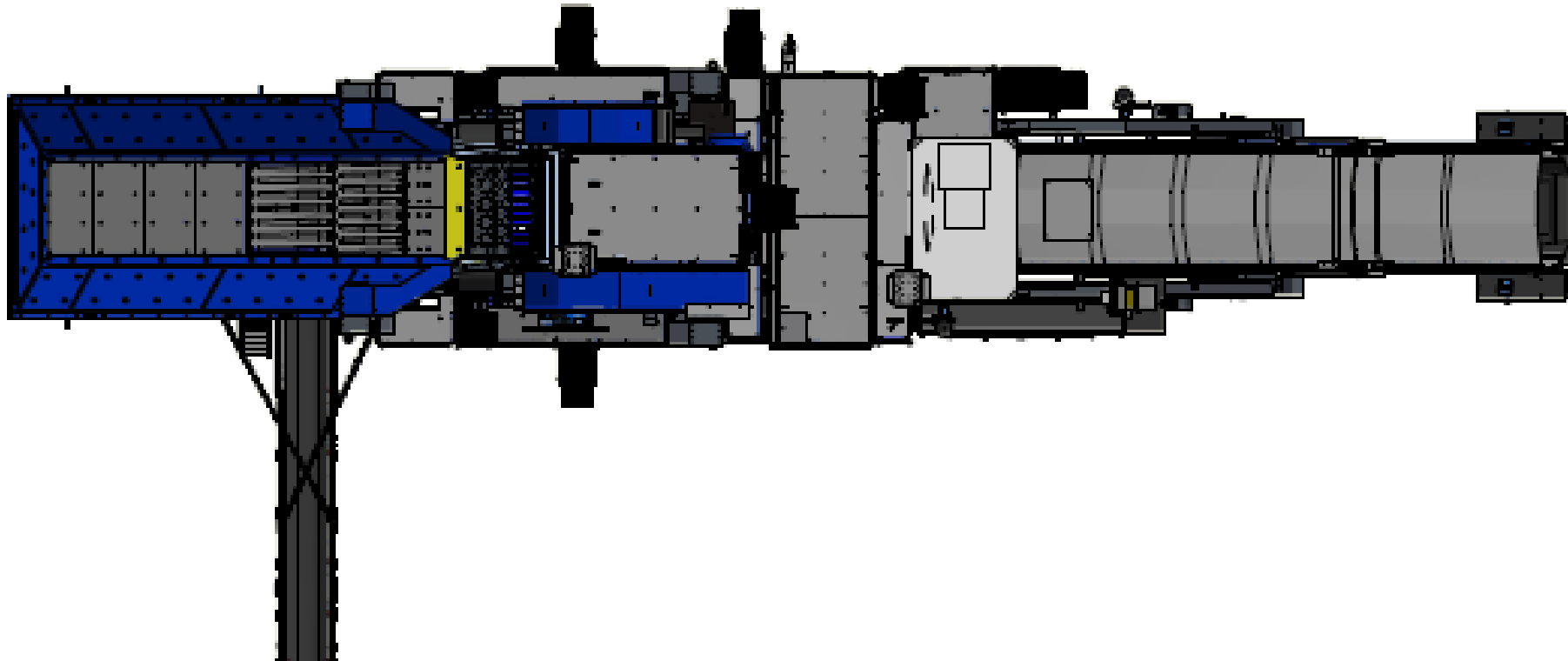
L150 Mobile Jaw Crusher

General Arrangement 1/2



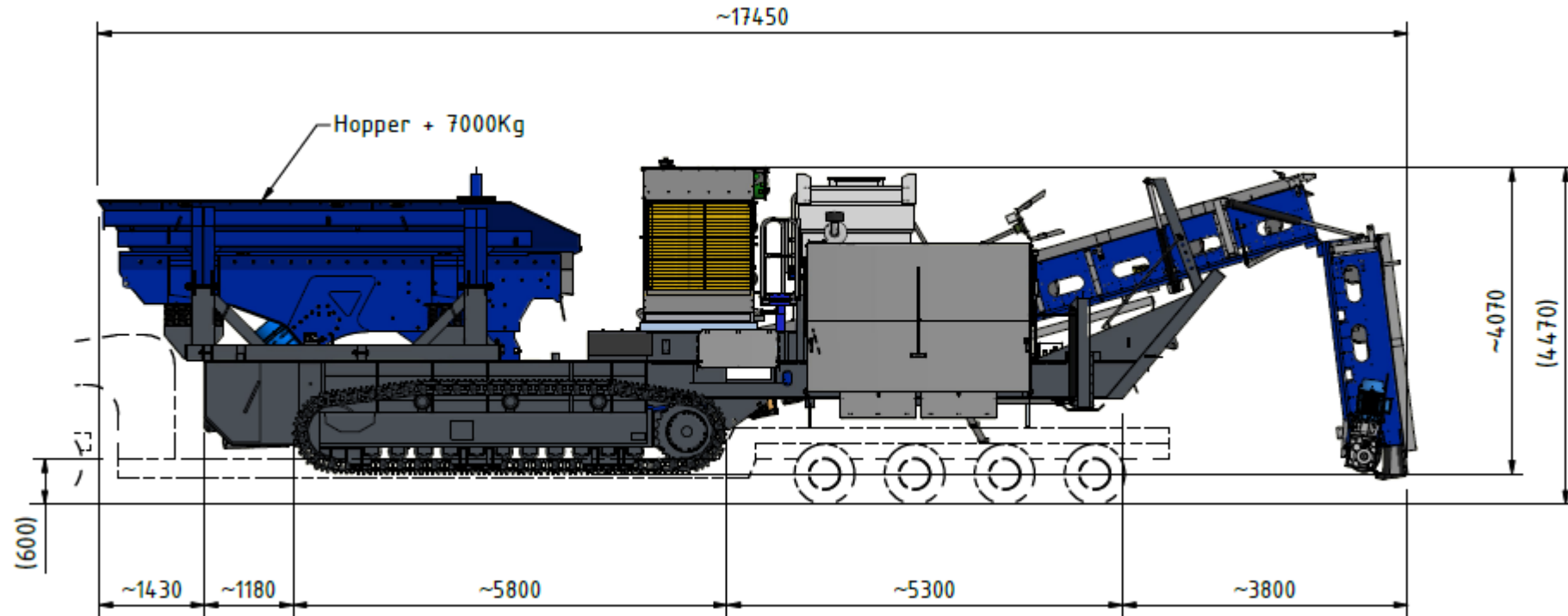
L150 Mobile Jaw Crusher

General Arrangement 2/2



L150 Mobile Jaw Crusher

Transport Dimensions – Feeder part



L150 Mobile Jaw Crusher Features

	Included	Option
Crusher		
1 pcs Jaw Dies	X	
Automatic lubrication unit	X	
Control System	X	
Sonar level control	X	
Feeder and screens		
Hopper extension		X
Screening deck below grizzly	X	
Rubber lining for hopper	X	
Feeder rubber bottom	X	
Heater	X	
Others		
Hopper and chutes lined with wear plates	X	
Front support legs self regulating	X	
Hydraulic boom and hammer		X
Water spraying		X

	Included	Option
Generator set		
Engine Volvo	X	
Heavy duty air filter	X	
Fuel filling from ground	X	
Pre-heater for engine	X	
Sprinkler system		X
Electric and control system		
JonSys Control system light	X	
JonSys Control system pro		X
2x Light pole LED	X	
Extra socket 125A		X
Remote radio control	X	
Prepared for main supply		X
Conveyors		
Magnetic separator		X
Water spraying		X
Belt Scale		X
Side conveyor for fine fraction		X
Sonar level control		X