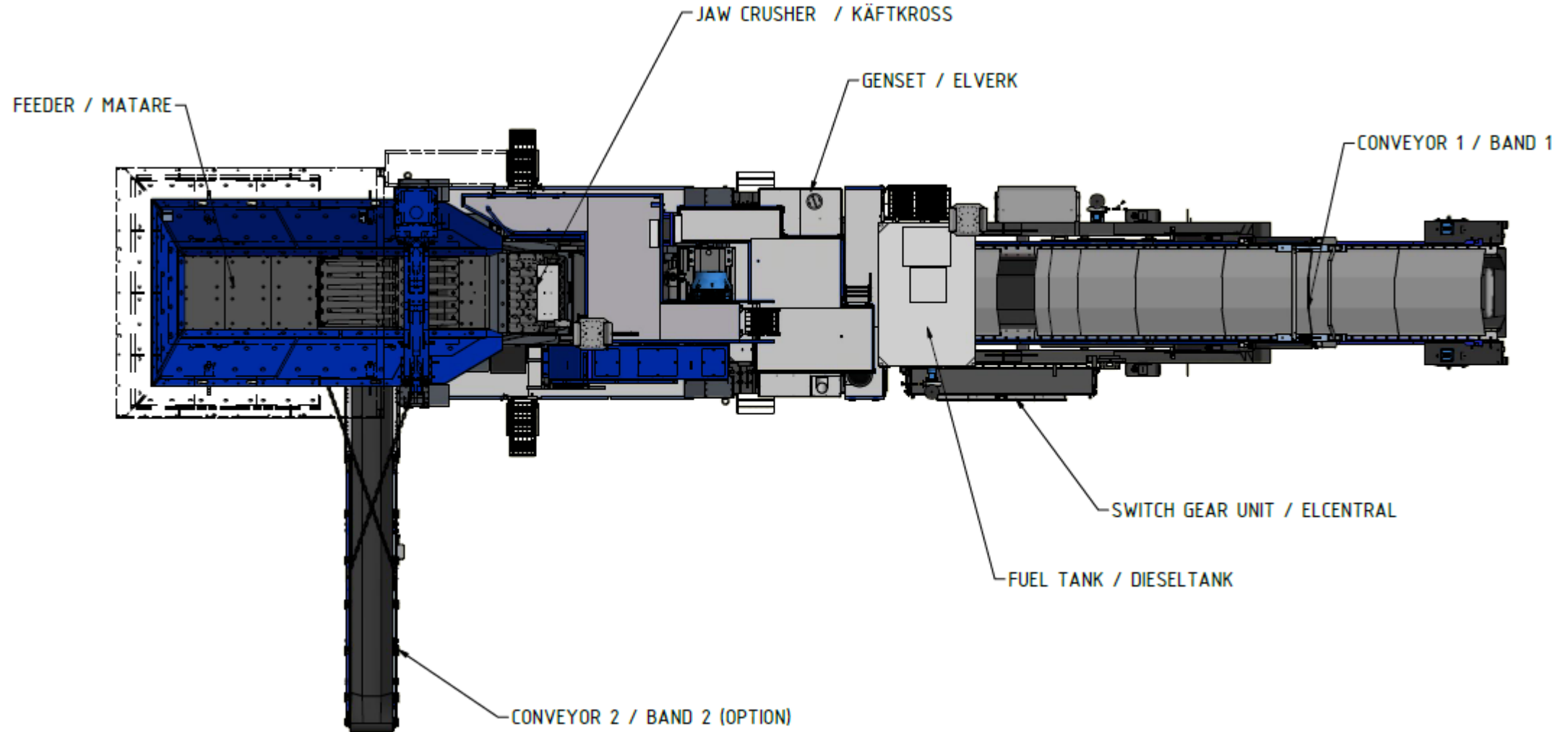




Jonsson L130 Mobile Jaw Crusher

Technical Presentation

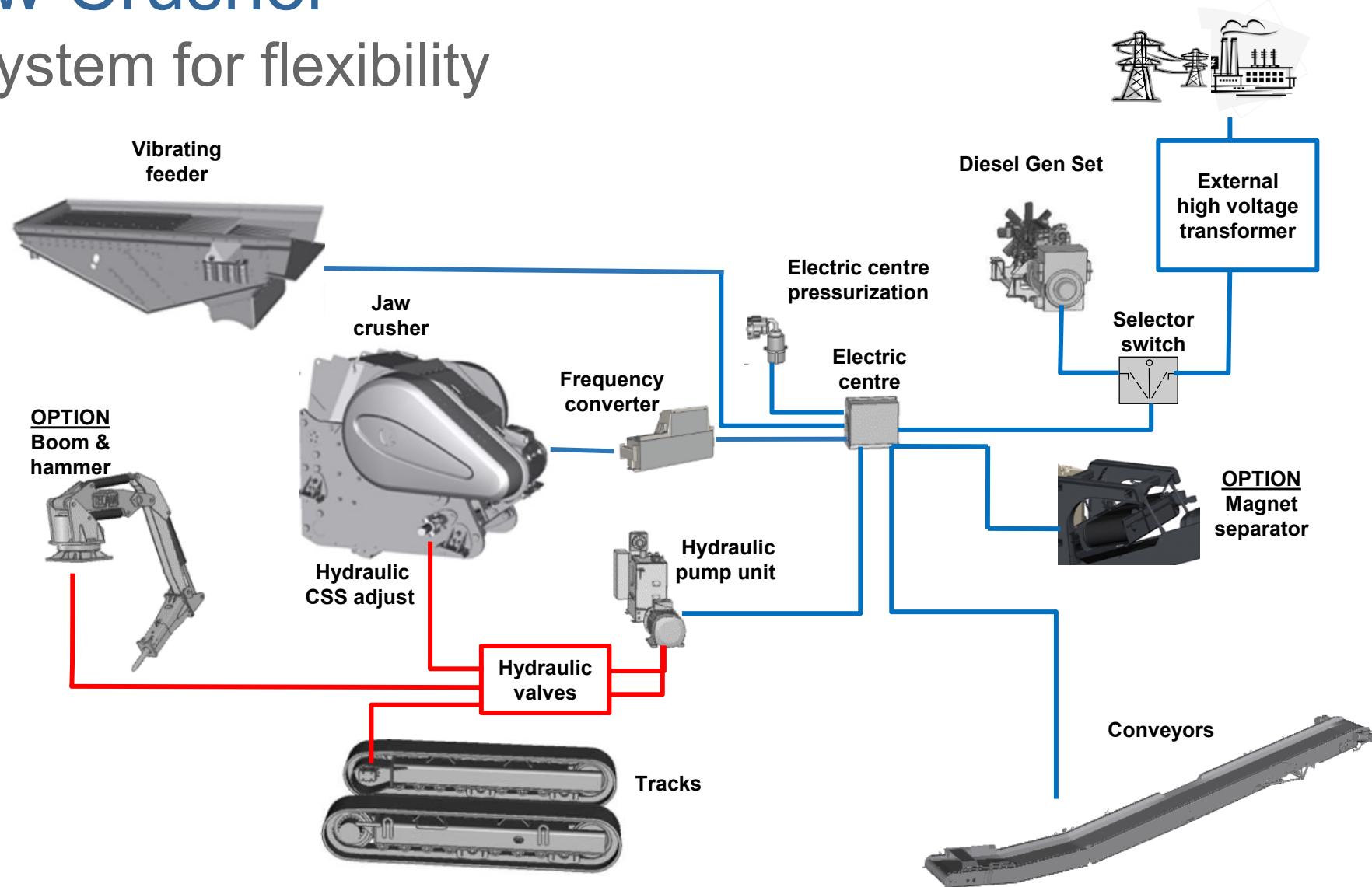
L130 Features and main components



L130 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



L130 Mobile Jaw Crusher

Nordberg C130 Jaw Crusher

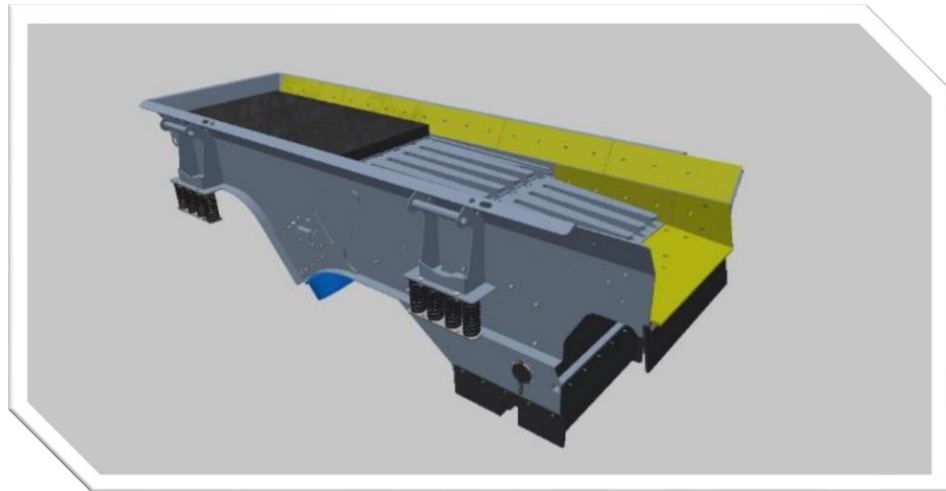
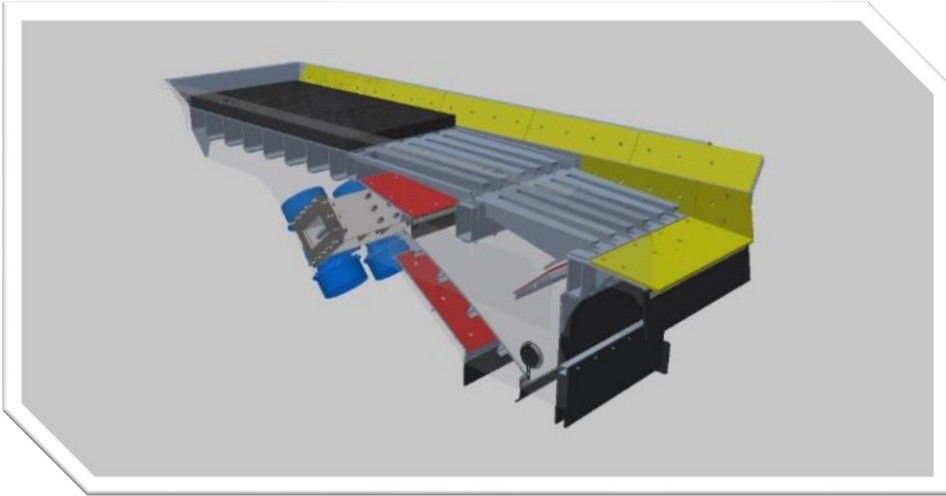


C130 Jaw Crusher

- Pinned and bolted structure
- No welded parts
- Hydraulic setting adjustment
- Settings c.s.s 100...280 mm (4 -11 in)
- Intake width 1300 mm (51")
- Intake depth 1000 mm (39")
- Swinging motion for cavity clearance

L130 Mobile Jaw Crusher

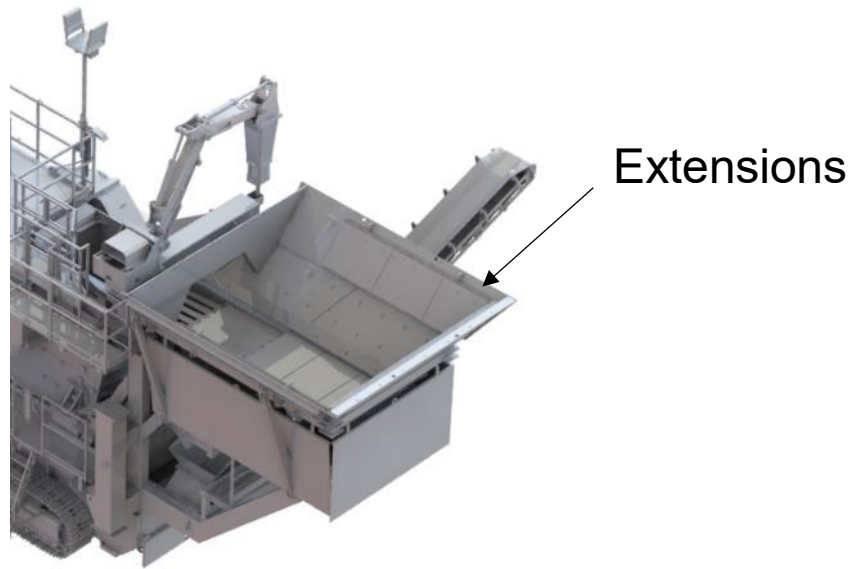
Feeder



Jonsson JF1250

- Width 1 200 mm (3'10")
- Length 5000 mm (16'5")
- Frequency converter for speed regulation
- Two step grizzly
- Grizzly spacing options section
 - 70/80/90/100/120 mm
- Electrical vibrating units 2x9,8kW
- Rubber lined feeder pan
- Screening deck below grizzly delivered with rubber cloth for blinding
- Longer 6 000 (20') feeder available as option

L130 Mobile Jaw Crusher Feed hopper



Hopper

- Feed height 5650/6400* mm
- 8 m³ capacity /18 m³*
- Feed width 3000 mm/4000 mm*

*With optional extension



L130 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

L130 Mobile Jaw Crusher generator set

Generator set



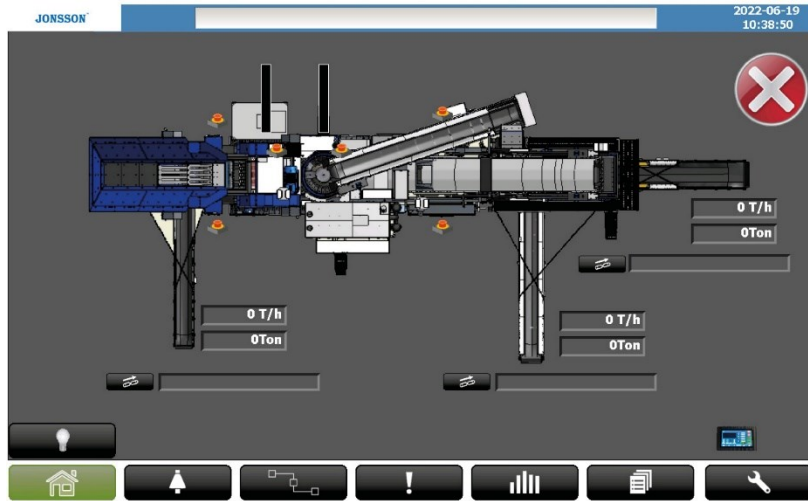
Engine and Generator set

- Volvo TAD1382GE, 400 kVA with Stamford generator
- Fuel tank 2850 L
- Generator attached directly to the engine
- Sprinkler system as option
- Available as Tier3 (StageIIIA), Tier4F and for stage V contact your Jonsson representative.



L130 JonSys control system

JonSys control system



Control and monitoring panel



Vehicle control panel



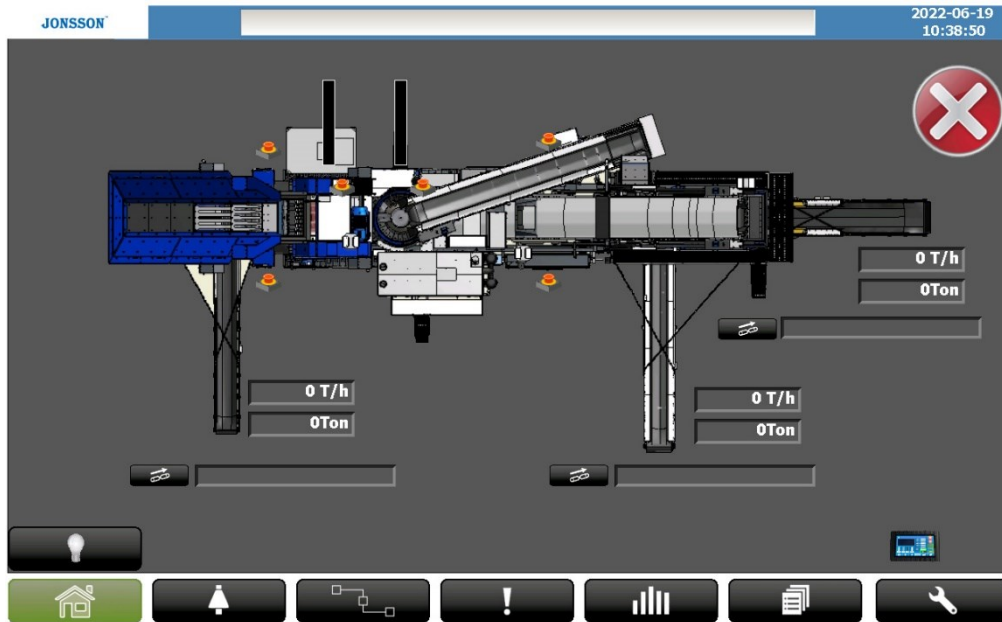
Small radio unit

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

L130 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

L130 Mobile Jaw Crusher (Option)

JonSys Vehicle panel

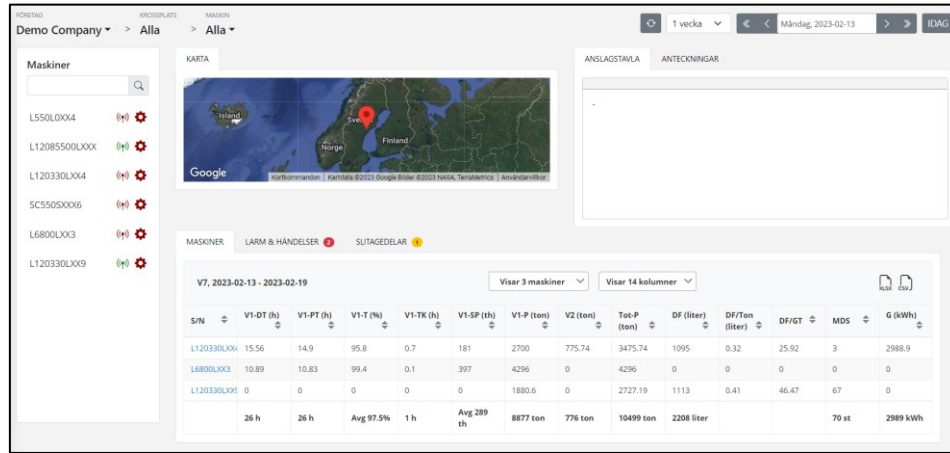


Vehicle panel

- 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

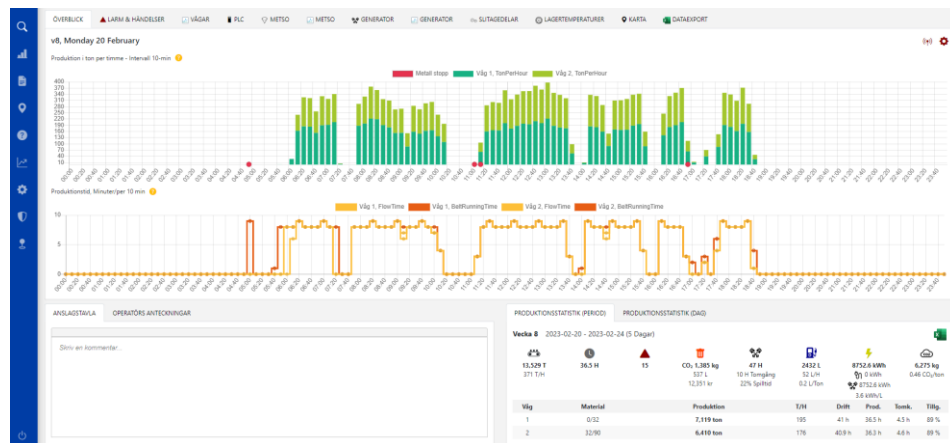
L130 Mobile Jaw Crusher (Option)

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



L130 Mobile Jaw Crusher

Main conveyor

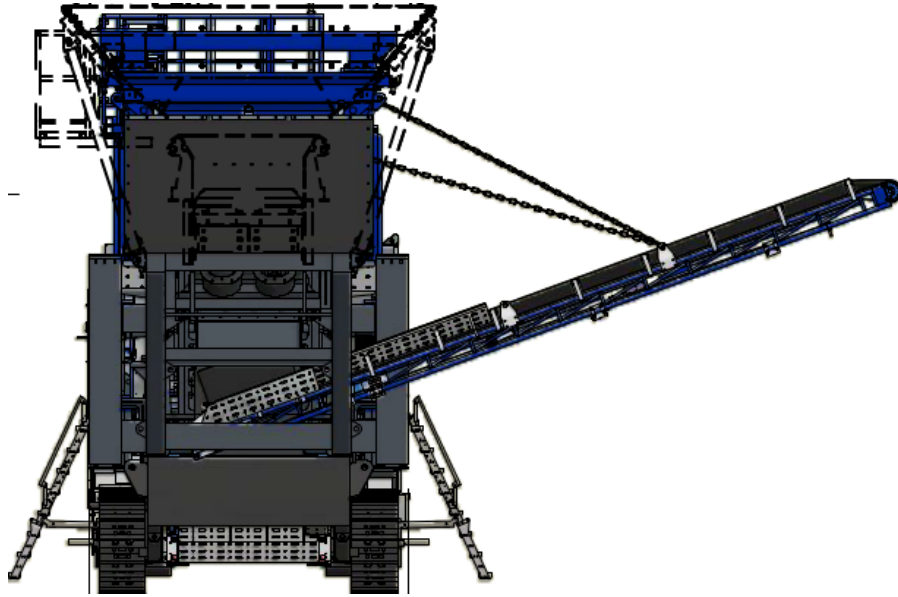


Main Conveyor

- Discharge height 3600 mm (12') - 4450 mm (14'7")
- Length 18 000 mm
- Width 1400 mm
- Speed 1.3 m/s
- Dual electric drive 2 x 15kW
- Belt scale as option
- Ultrasonic sensor as option

L130 Mobile Jaw Crusher

Side Conveyor (optional)



Side Conveyor

- Discharge height 4400 mm
- Length 8000
- Belt width 650 mm
- Speed 1,5 m/s
- Electric drive 5,5kW
- Emergency stop wires

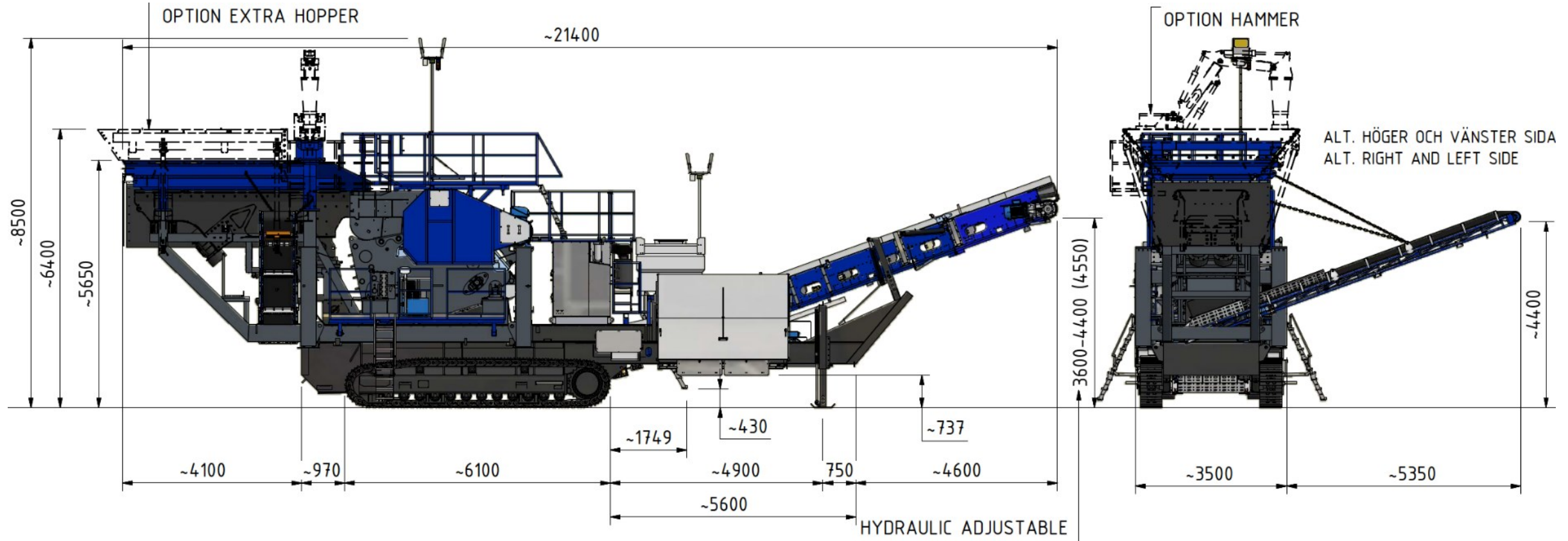
L130 Mobile Jaw Crusher

Material flow



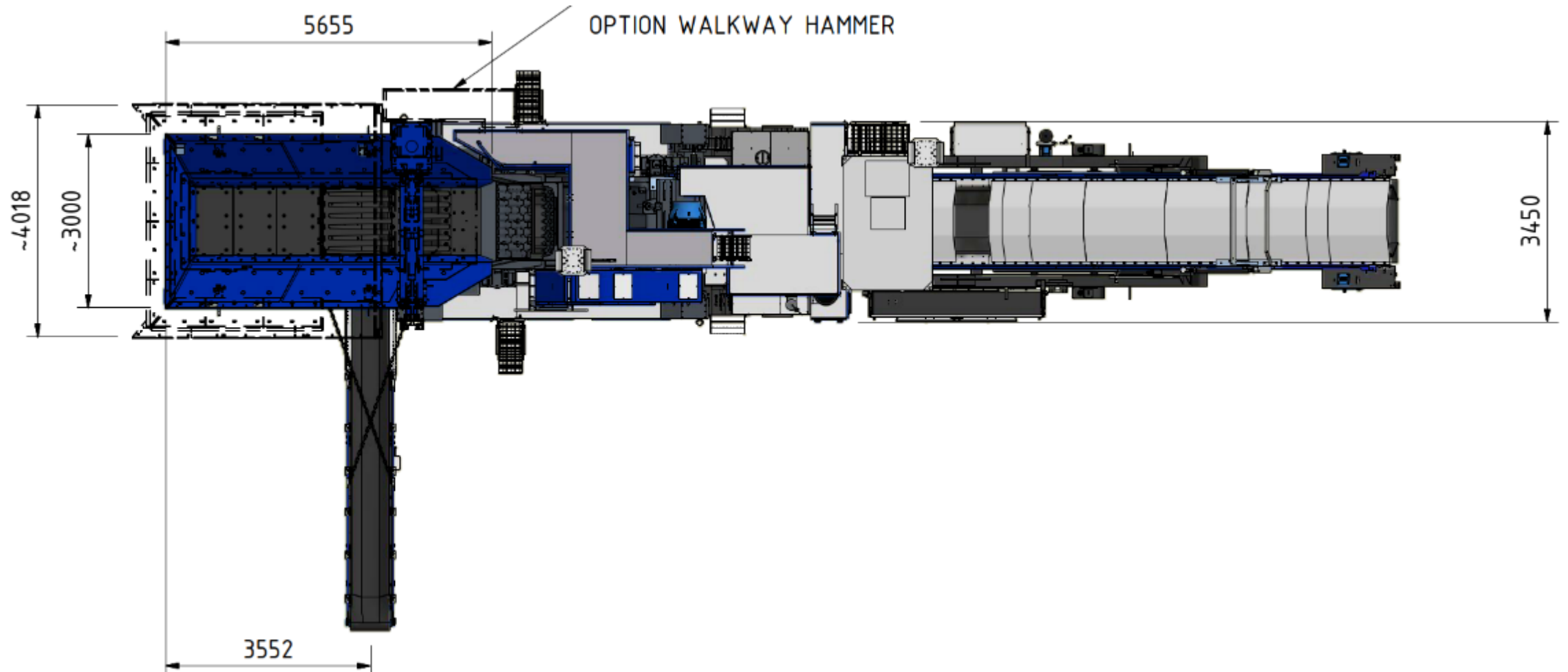
L130 Mobile Jaw Crusher

General Arrangement 1/2



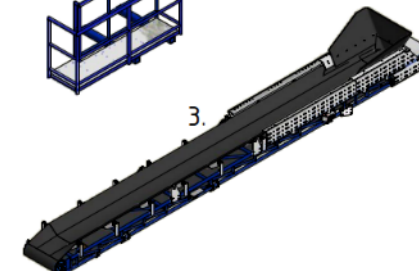
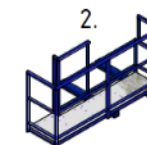
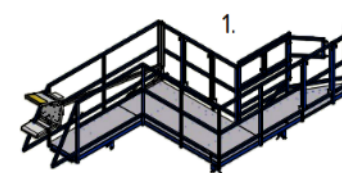
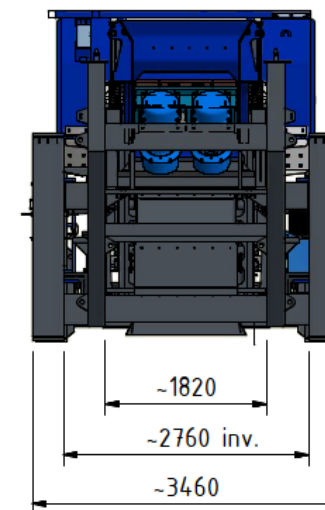
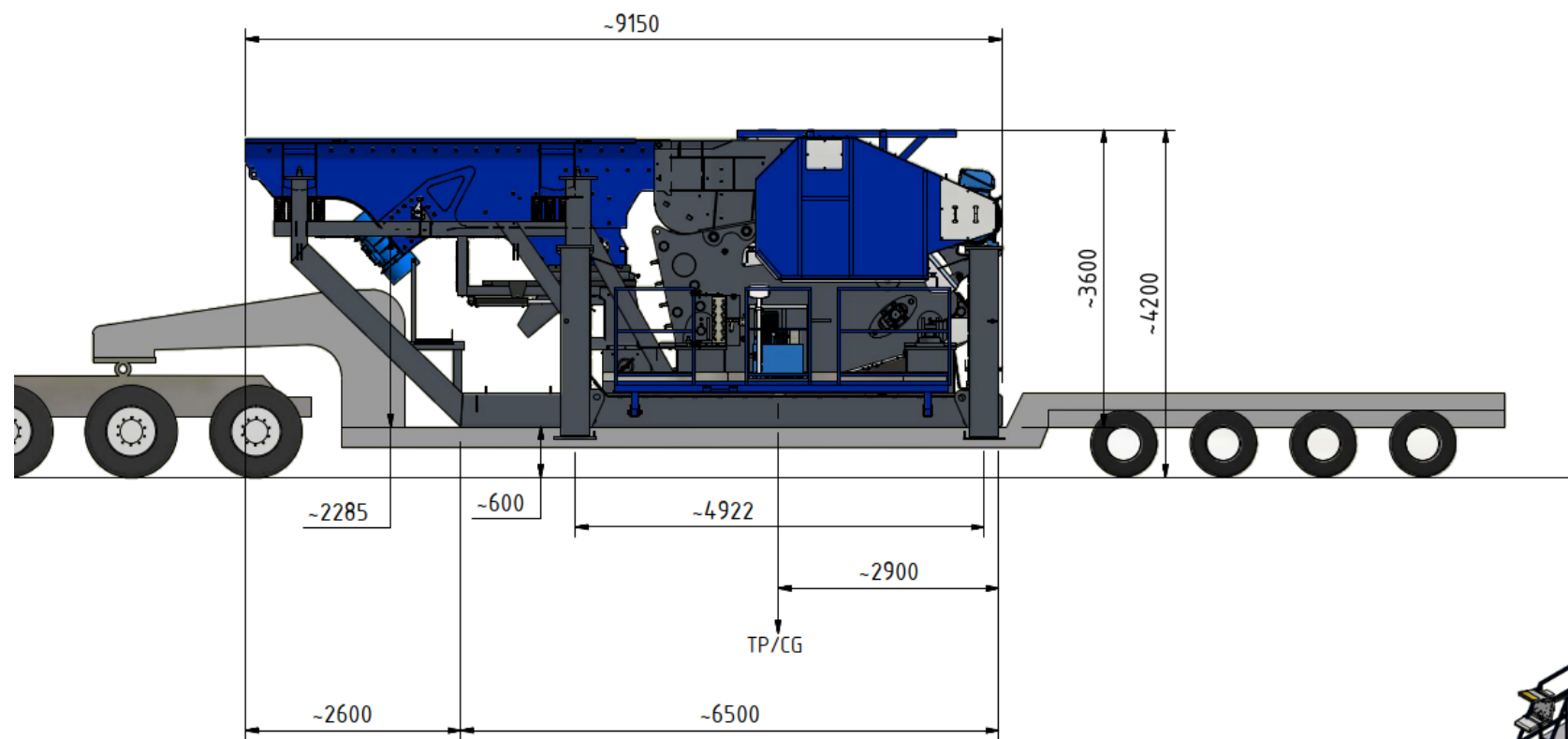
L130 Mobile Jaw Crusher

General Arrangement 2/2



L130 Mobile Jaw Crusher

Transport Dimensions – Feeder Part 1/2



LASTVIKT / WEIGHT ~61000 KG

BREDD / WIDTH ~3460 MM

INV. STÖDBEN 2760 MM

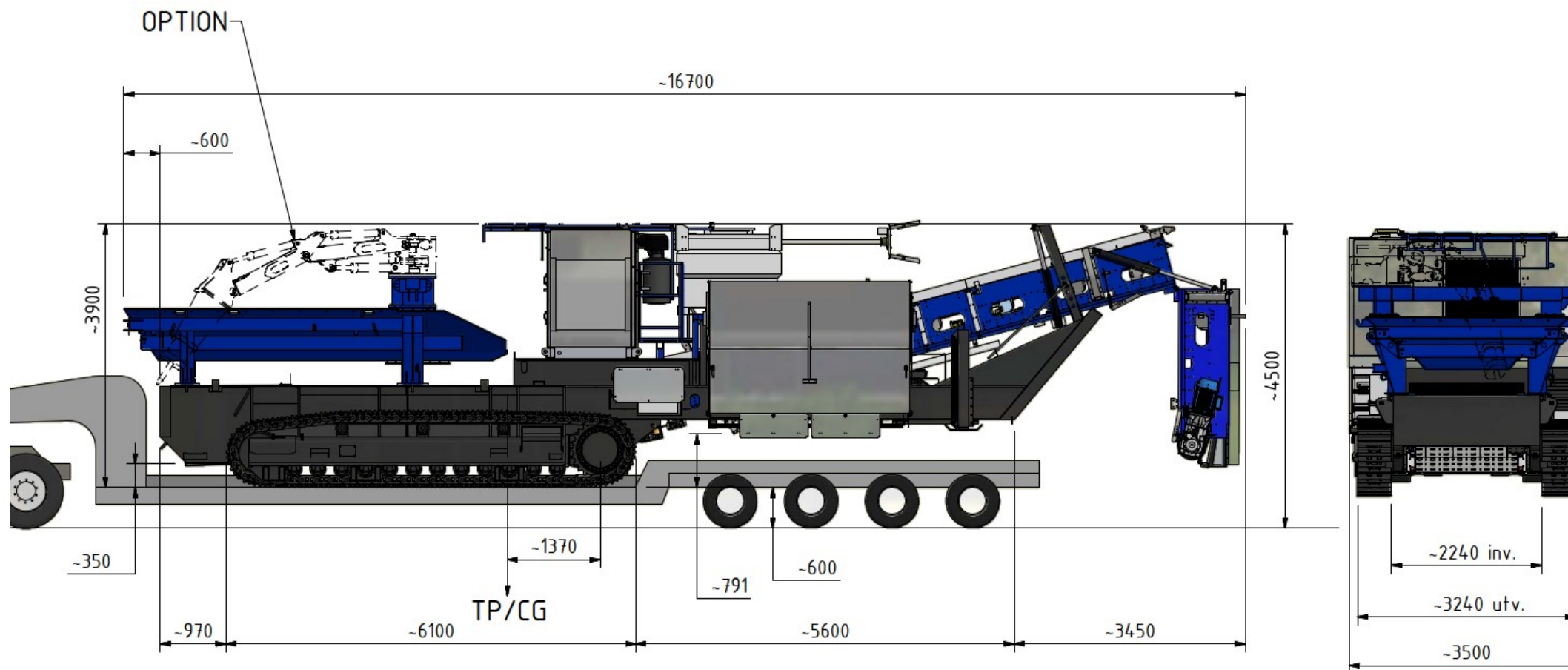
WIDTH BETWEEN SUPPORT LEGS 2760 MM

LÖSA ENHETER / DISMANTLED DETAILS

1: LANDGÅNG PÅ KROSS/ WALKWAY ON CRUSHER	2500x5050x1400	~650KG
2: LANDGÅNG TILL HAMMARE / WALKWAY TO HAMMER	2650x1160x580	~185KG (OPTION)
3: TRANSPORTÖR 2 / CONVEYOR 2	8500x750x500	~750KG (OPTION)

L130 Mobile Jaw Crusher

Transport Dimensions – Chassis Part 2/2



LASTVIKT / WEIGHT ~48000 KG (inkl. option hammare ~1700KG / incl. option hammer ~1700KG)

BREDD / WIDTH ~3500 MM

L130 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		
Air compressor		X
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
Conveyers		
Magnetic separator		X
Water spraying		X
Belt Scale		X
Side conveyor for fine fraction		X
Sonar level control		X

JONSSON™