

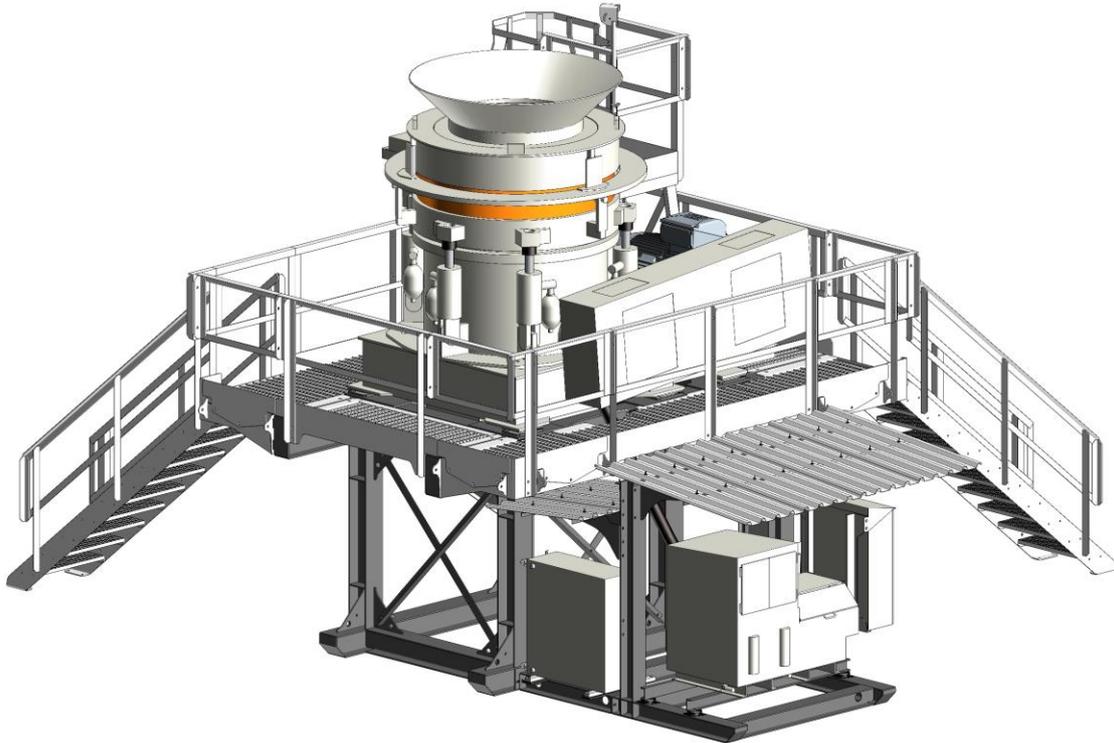
SPECIFICATION SHEET

PILOT CRUSHTEC®

CRUSHING AFRICA'S ROCK

Pilot Modular:
METSO HP300 Cone Crushing Module

PRODUCT NAME:	Pilot Modular HP300 Cone Crushing Module
DOCUMENT NO:	PCS-07-02-88
REV:	01
DATE:	21/07/2020



NO CIVILS REQUIRED



METSO CRUSHERS



RAPID SETUP TIME



PROVEN PERFORMANCE

PRODUCT DESCRIPTION

The Pilot Modular HP300 Cone Crusher is a skid mounted, heavy-duty cone crusher ideal for secondary and tertiary hard rock crushing. The HP300 is a traditionally designed bushing cone crusher that provides an optimal combination of field-proven cone crusher technology and modern, user friendly adjustment and relief systems. The Pilot Modular HP300 cone crusher is available in a standard configuration and is equipped with hydraulic adjustment and tramp relief using dual acting cylinders and accumulators.

This module does not require any civils for installation - only a level, compact surface.

PILOT MODULAR METSO HP300 CONE CRUSHER SPECIFICATIONS

CONE CRUSHER : METSO HP300

Head Configuration:	Standard and Short Head
Head Diameter:	1 120mm (44")
Frame:	Composite case and fabricated body. Heat treated-Cast steel
Bearings:	Precision machined bronze bushing
Adjustment:	Threaded bowl. Rotation via hydraulic motor and pinion gear onto a geared ring
Liner Range:	Interchangeable extra fine, fine, medium, coarse and extra coarse
Lubrication:	300l Lubrication system with 1.5kW electric power pack. 1.5kW Air blast cooler. Oil heater. High temperature cut-out. Heater thermostat. Cooler thermostat. Lubrication oil pressure and flow switches. Dual oil filtration.
Operating Controls:	100l Hydraulic tank with 7.5kW electric power pack. Fully integrated hydraulic console controlling clamping, adjustment and tramp relief (with relief valves and remote accumulator) via PLC. Lubrication system integration. Alarm controls. Push button controls for hydraulics, pumps and valves.
Tramp Relief:	Automatic, hydraulic cylinders with relief valve and remote accumulator
Maximum Feed Opening:	107mm (STD fine liner), 150mm (STD medium liner), 211mm (STD coarse liner), 233mm (STD Extra coarse liner) 25mm (SH Extra fine liner), 25mm (SH fine liner), 53mm (SH medium liner), 77mm (SH coarse liner)(Recommended maximum reduction ratio 4:1)
Close Side Setting (CSS):	13mm (STD fine liner), 16mm (STD medium liner), 20mm (STD coarse liner) to 25mm (STD Extra coarse liner) 6mm (SH Extra fine liner), 6mm (SH fine liner), 8mm (SH medium liner) to 10mm (SH coarse liner)
Capacity:	115mtph to 440mtph
Operating Speed:	Application dependent
Power:	220kW 380V electric motor
SKID FRAME	
Frame:	Heavy duty support structure
Accessories:	Access ladder, handrails & safety guards, crusher discharge chute, full access maintenance platform
ESTIMATED WEIGHT:	
Total:	23,450kg

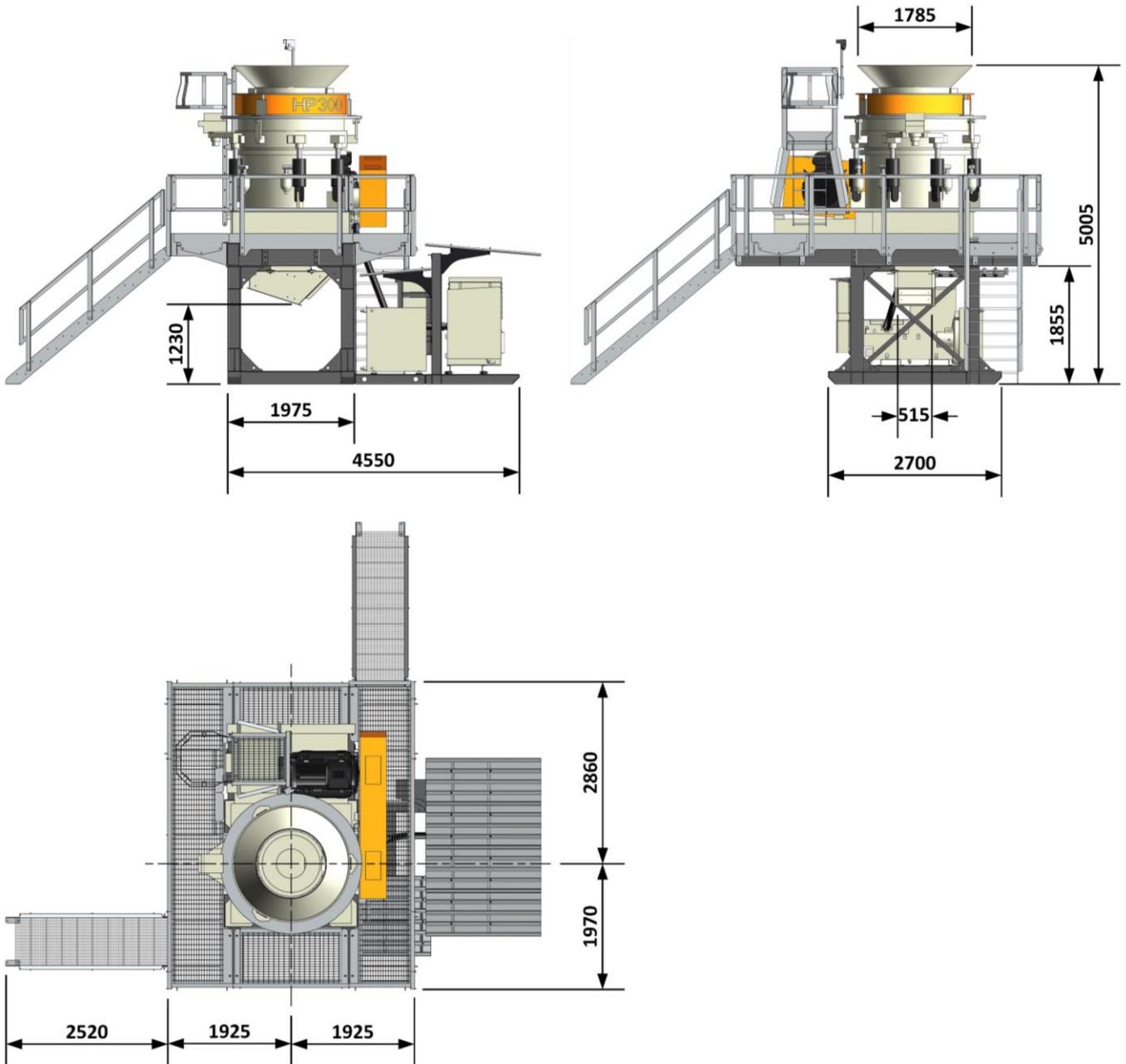


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WORKING DIMENSIONS

The working dimensions of the Pilot Modular HP300 Cone Crusher



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