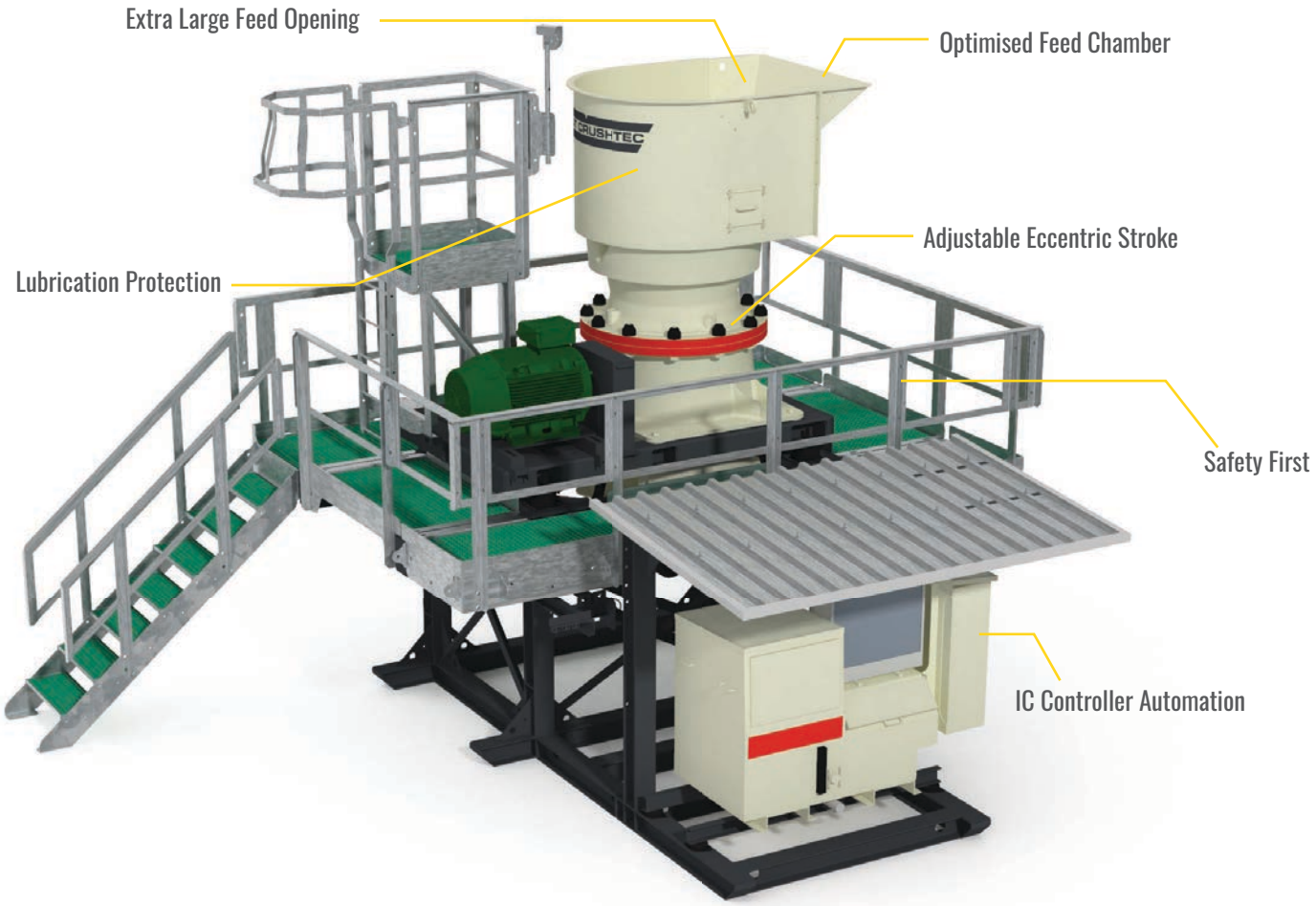
Metso

PILOT MODULAR®

SPECIFICATION SHEET

GP300S
CONE CRUSHER MODULE



The Pilot Modular Metso GP300S cone crusher module features a top-tier cone crusher built for secondary, tertiary, and quaternary crushing in aggregates and mining operations. Known for its durable build, cutting-edge automation, and exceptional crushing efficiency, the GP300S delivers consistent, high-quality output while lowering operating costs. Its adaptable design easily adjusts to diverse feed conditions and application needs, making it perfect for challenging crushing environments.

Equipped with a robust motor, optimised crushing chamber, and intuitive control system, the GP300S guarantees reliable performance, enhanced productivity, and minimal downtime, establishing a new standard in advanced crushing technology.

The Module is supplied complete with the crusher mounted on rubber dampers on a sub-frame with composite walkways, angle-iron handrails, walkways, composite non-slip grating and a covered lubrication unit and IC Control structure for an all-inclusive module.

PRODUCT NAME:	Pilot Modular GP300S Cone Crushing Module
DOCUMENT NO:	PCS-07-02-111
REV:	02
DATE:	24/11/2025

PILOT CRUSHTEC®

More than machines, *we build trust.*

www.pilotcrushtec.com sales@pilotcrushtec.com +27 11 842 5600

SPECIFICATION SHEET GP300S

TECHNICAL SPECIFICATIONS

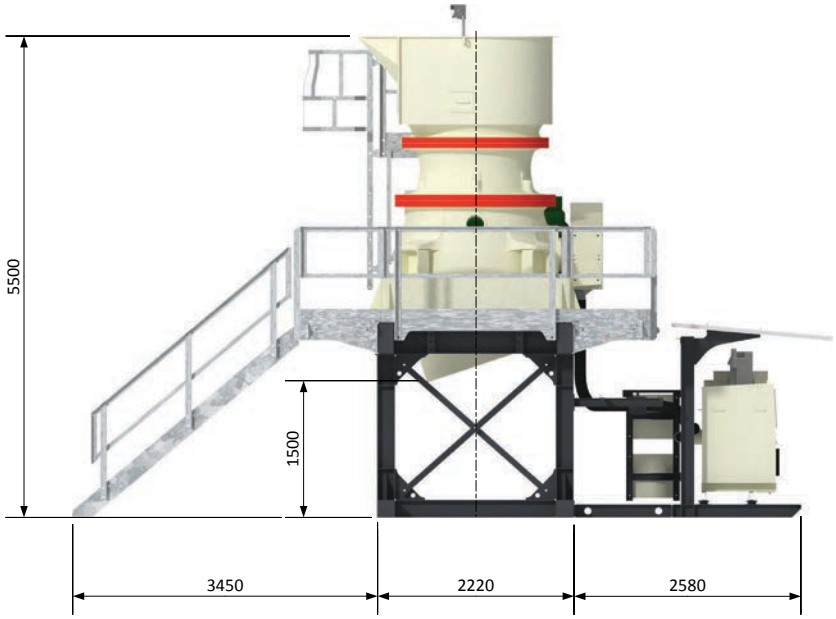
Head Configuration	Two point supported shaft
Frame	Composite case and fabricated body. Heat treated-Cast steel
Bearings	Precision machined bronze bushing
Adjustment	Adjusting piston under the main shaft
Liner Range	Interchangeable coarse and extra coarse
Lubrication	350l Lubrication system with 5.5kW electric power pack
	2.5kW Air blast cooler & two 4.2kW oil heaters.
	High temperature cut-out
	Heater & cooler thermostat
	Lubrication oil pressure and flow switches
	Dual oil filtration
Operating Controls	Fully integrated 2.2kW hydraulic console controlling clamping, adjustment and tramp relief via PLC.
	Lubrication system integration.
	Alarm controls.
	Push button controls for hydraulics, pumps and valves.
Tramp Relief	Automatic, adjusting piston with an integrated relief valve
Maximum Feed Opening	280mm (Coarse liner), 380mm (Extra Coarse liner)
	Recommended maximum reduction ratio 5:1)
Close Side Setting (CSS)	20-50mm (Application dependent)
Capacity	180mtph to 440mtph
Operating Speed	Application dependent
Power	250kW 380V electric motor

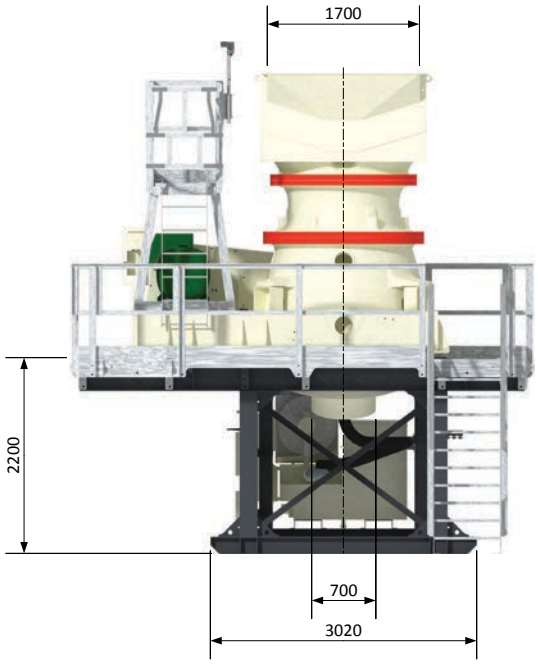
SKID FRAME

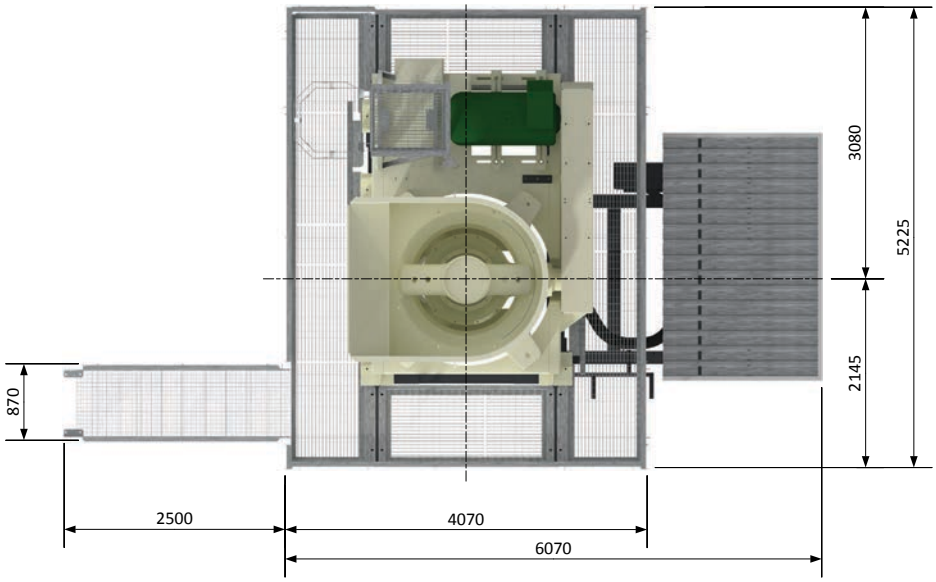
Frame	Heavy duty support structure
Accessories	Access ladder, handrails & safety guards, crusher discharge chute, full access maintenance platform

All reasonable steps have been taken to ensure the accuracy of the publication, however, due to Pilot Crushtec Internationals policy of continual product development, we reserve the right to make changes in specifications shown herein or improvements at any time without notice or obligation. All capacities and feed size are provided as an application aid only. No warranties are expressed or implied.

WORKING DIMENSIONS







All reasonable steps have been taken to ensure the accuracy of the publication, however, due to Pilot Crushtec Internationals policy of continual product development, we reserve the right to make changes in specifications shown herein or improvements at any time without notice or obligation. All capacities and feed size are provided as an application aid only. No warranties are expressed or implied.