

HAVER NIAGARA



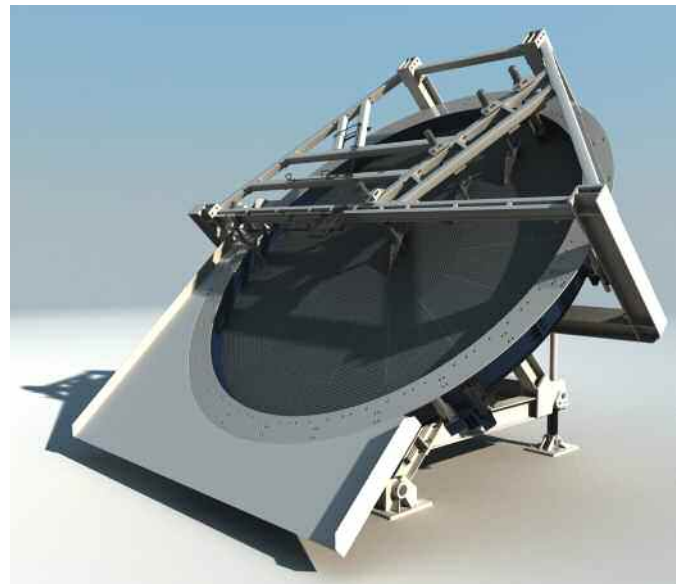
SCARABAEUS® 7500

The pelletizing plate is used for agglomerating powder-type primary and secondary materials such as filter dust. Its primary area of application is agglomerating iron ore concentrates into pellets with a target size of 9 to 16 mm.

The powder-type input material is formed into pellets inside an inclined, cylindrical and rotating container, with or without the addition of a liquid binding agent. The optimum operating parameters can be set by changing the inclination angle, the speed of rotation, material conditioning, and now also the plate rim height.

List of advantages:

- automatic adjustment of the side wall height with the SC 7500 variable
- automatic inclination adjustment during operation
- stepless rotary speed adjustment during operation
- wear protection on the pelletizing plate floor (comb bottom)
- flexible floor surface and sidewall wiper
- flexible sprinkling system
- central lubrication system
- energy efficient and low maintenance drive unit torque motor
- start-up even under full loads



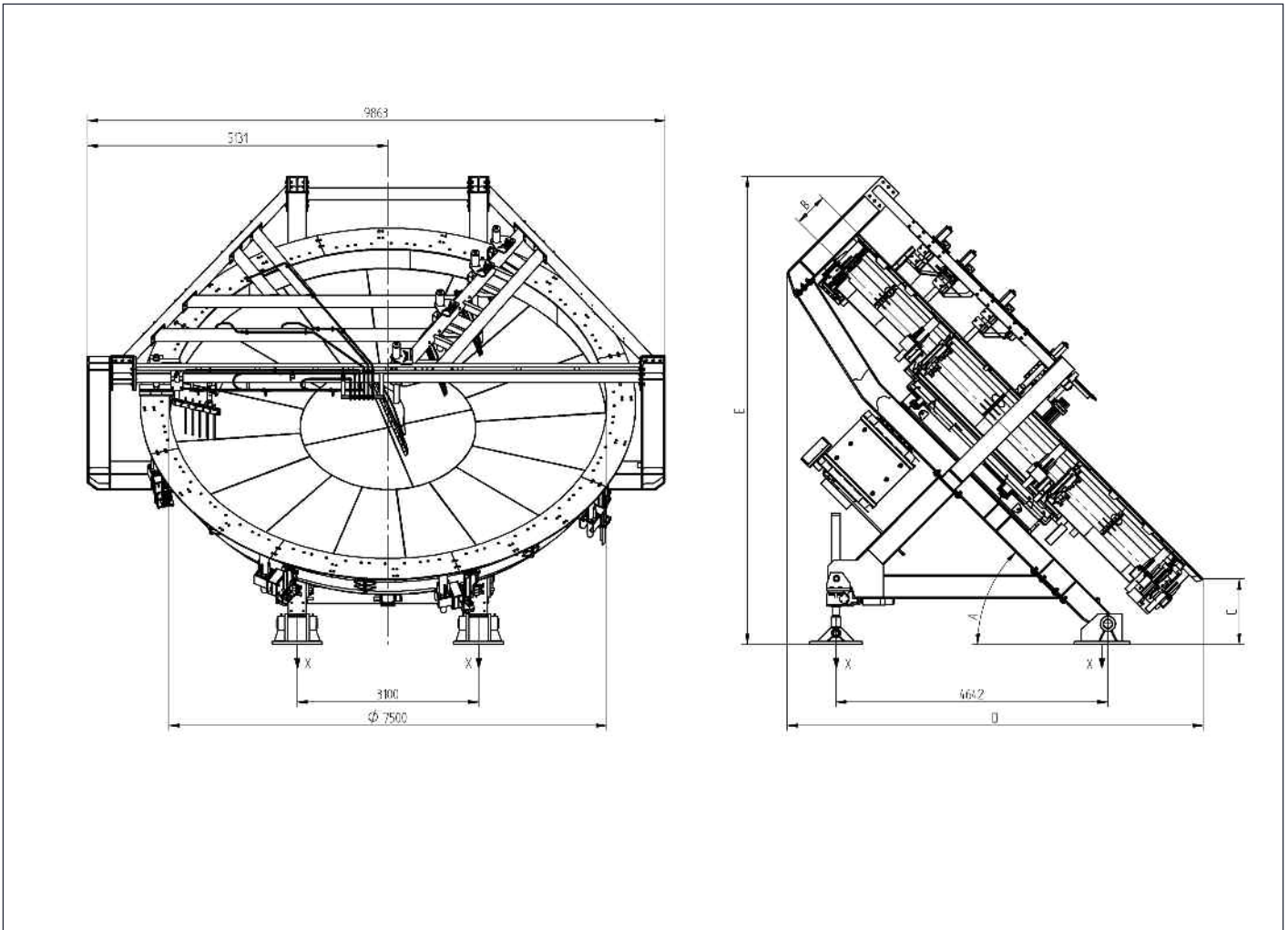
TECHNICAL SPECIFICATIONS

Plate diameter	Weight	Drive unit	Rotary speed	Large roller bearing unit	Installed capacity of the cooling unit
7.5 m	55 t	Direct drive 255 kW	0-8.5 rpm	with internal gearing	8 kW
Lubrication pinion	Frequency inverter				
made of PU					
Sidewall height of:	SC 7500 torque	SC 7500 variable	SC 7500 variable		
	650 or 800 mm	560 to 900 mm stepless adjustable via a hydraulic cylinder	hydraulic unit power 7.5 kW		

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TECHNICAL SPECIFICATIONS

Automatic inclination adjustment using a threaded spindle	Installed power for inclination adjustment	Adjustment speed	Wiper			
stepless 45° to 60°	15 kW	1.2 °/min	Ceramic / tungsten carbide			
	wear resistant cladding	wear resistant cladding, plate bottom				
	PE 1000 (UHMW PE)	Fiberglass-reinforced plastic or steel grating				
	A [°]	B [mm]	C [mm]	D [mm]	E [mm]	X [KN]
min/max	45-60	575-900	665-1343	6864-7335	7975-8712	4 x 137.5