



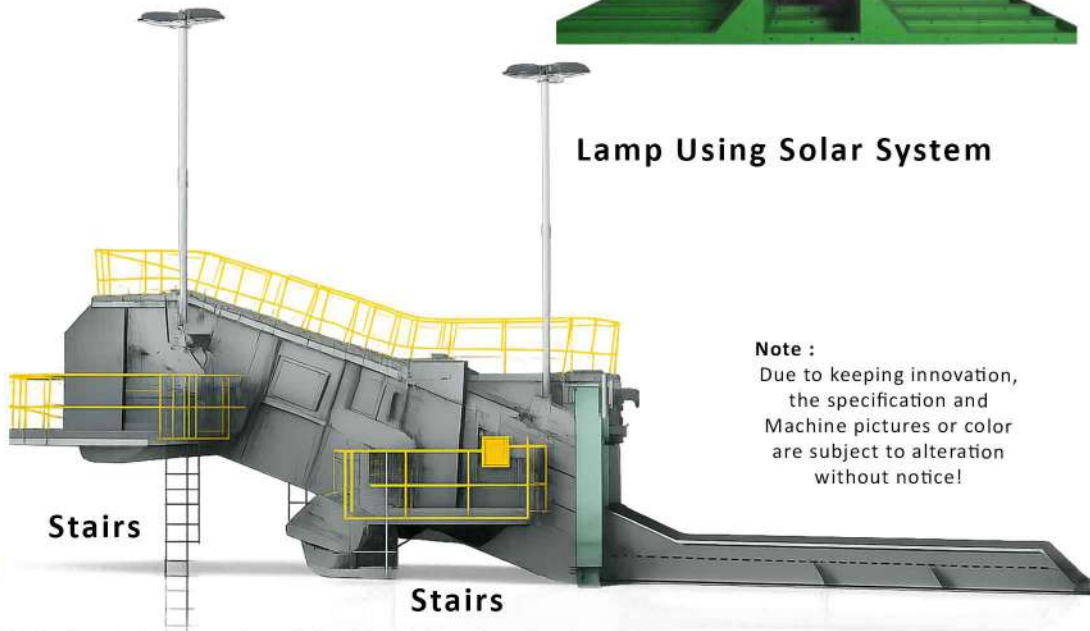
Reclaim Feeder Machine



INCLUDING this BREAKER



Lamp Using Solar System



Stairs

Stairs

Note :
Due to keeping innovation,
the specification and
Machine pictures or color
are subject to alteration
without notice!

PT. Valtekindo Global Intertek

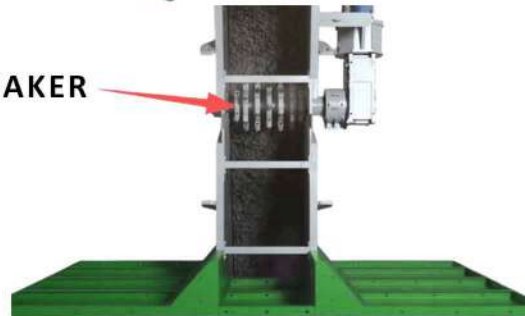
GENERAL	
Reclaim Feeder Are Used For Reclaiming The Coal From Stockpile And Feed Into Conveyor	
PROCESS	
Atmosphere Wet / Corrosive / Dusty	Wet And Dusty
Material Description	Coal Crushed
Feed Mass Flow Nominal/ Design	1000 / 1200 Tph
Moisture Content	33 % Max.
Feed Method	By Loader
Blok Density	0,95 t/m ³
Max Lump Size	50 mm
Material Angle Of Repose	37 ~ 38 Degree
Operation Method-Continuous / Batch	Continuous
Surcharge Angle	15 ~ 20 Degree
MECHANICAL	
Feeder Height	2 m
Incline	16 Deg
Feed Length	5 m
Speed	0,5 ~ 1 m/s
Chain Conveyor Type	Drag Chain 2 Strands
Chain Conveyor Drive	Heavy Duty Chain Pitch 14 0mm
	Chain Strength Min 42 Tons / Strain Surface
	Hardener Rollers
	Flight Chain Wide 90 mm, Height 50 mm
Gear Reducer	Electric Motor
	110KW / 3P / 380 V / 1500 Rpm / 50 Hz / IP 55
	Bevel Helical Hear
	Solid Output Shaft
High Speed Coupling	Ratio 1:35
	With Cooling Fan& Back Stop
	Flexible Coupling
	Flander N-Eupex A200
Low Speed Coupling	Flander Ring span Rigid Coupling Rfk 170
	Keyless Connection
	Heavy Duty
	75000 Hours
Bearing Type	75000 Hours
Bearing Live Time	Semi Auto Hydraulic Jack
Chain Tensioner System	Auto, Complete With Oil Level Monitoring
Lubrication – Manual / Auto	
STRUCTURE	
Frame	IWF 450 x 200 x 9 x 14
Cover Discharge	PL 12 mm
Liner Shaft Cover	Liner Hard ox 500 Tahk 10 mm
Tali Shaft Cover	PL 10
Platform	UNP 150 x 75
Handrail	Bordes 4,5 Mm
Support Drive	Pipe Medium 1,25 & 1 Inch
	Wf 350 x 150
	UNP 200 x 80
	PL20
ARRANGEMENT	
Configuration	Complete Assembly Including Sprockets, Flight Bars, Wing Walls, Electronic And Controls, etc
Quantity = 12 Units	



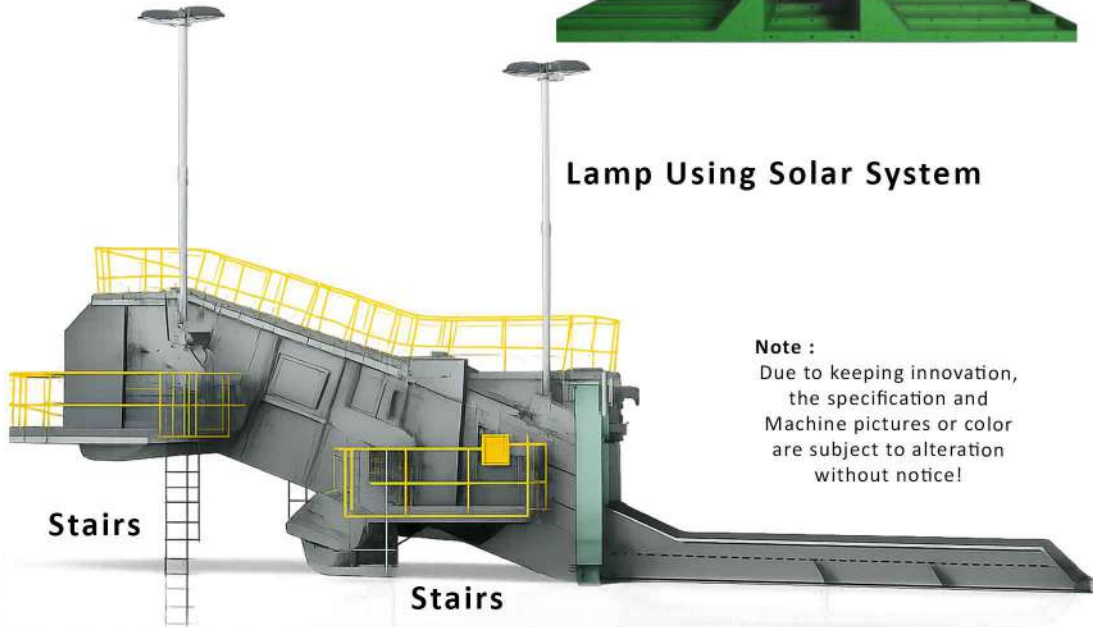
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Technical Parameter

Parameter	Reclaim Feeder Breaker
Material	Coal
Moisture content	Max 33%
Solid Density	1.26 Ton / m ³
Bulk Density	0.85 Ton / m ³
Nominal Capacity	1,000 TPH
Design Capacity	1,100 TPH
Receiving load method	Dozer
Hopper Capacity	60 Tons (Hopper by Contractor)
Input Material Size	ROM : - 600 mm (Maximum 1,000 mm)
Output Material Size	-200 mm
Rock Processing Capability	Capable of Processing Rocks up to 100 MPa strength
Environmental Protection	IP65 : Dust-tight & water jet resistant
Feed Length	Minimum 5 m under stockpile / Hopper
Chassis/Mainframe	Foot mounted, robust welded steel construction, liner plate 500 BHN (20 mm)
Chain Conveyor	2 strands, nominal pitch minimum 3.5", cast alloy steel, variable speed, reversible
Chain Conveyor Drive System	Hydraulic power system with Hydraulic Motor Hagglund or Equivalent
Breaker Drive Assembly	Shaft-mounted bevel helical gear reducer, torque limiting clutch, Electric Motor 380 VAC, replaceable pick holders
Breaker Shaft	Heavy alloy solid steel shaft, tungsten carbide-tipped picks, adjustable gap.
Bearing	Self - Aligning spherical roller bearing, Plummer block mounted, minimum lifetime of 75,000 hours
Control & Instrumentation	Under Speed Sensor, Oil Temperature Transducer, Hydraulic Pressure Transducer, Bearing Temperature Sensor, MCC.
Chain Tensioning	Fully Automatic Hydraulic Type; Manual / Semi - Automatic Available
Maintenance Access	Platform : Steel Structure, Grating, Ladder, Handrail.
Electrical Standard	IP56 for All Electrical Systems
Operation	Continuous Operation