



KROKODILE

PLUS

ADVANCED DATA SHEET

SHREDDING UNIT	
Rotor working length	4.9 ft
Rotor diameter	2.2 ft
Shaft center distance	1.6 ft
No.of shaft	2
Rotor speed	0-34 RPM
Shredding area	4.9 x 4.1 ft
Target area with fix rear hopper	7.8 x 4.3 ft
Target area with tilting rear hopper	12.1 x 4.3 ft 3.3 yd ³
Shaft for universal (ex.concrete)	9 blades per shaft with 2 Teeth welded x blade
Shaft for waste	6 blades per shaft with 3 knives x blade

Impact bar flat	S355JR 20MM EASY SYSTEM
Side grid openable by hydraulic cylinder	2.5 x 6.7 in HARDOX 450
Support of shafts	• Easy system to quick change 1 Hr
Sidewall wear lining Left & Right	Hardox 450 - .6 in • Bolted - wearing parts + .8in steel plate back to protect oil and diesel tank
Gearside wall wear lining	Hardox 450 - .6 in • Bolted - wearing parts
Opposite side (fix on support shaft)	Hardox 450 - .4 in • Bolted - wearing parts
Hopper roof	Hardox 450 - .6 in • Bolted - wearing parts + back reinforcer

Wear tools	All tools on shaft are replaceable by welding
Material of wear tools and support	HARDOX 400
Maximum torque:	160.000Nm
NOTE: there are 2 shaft configurations available which enables the shredder to process wide range of materials - every application is different for each customer and the tooling is dependent on material - there are 3 working cycle standard + 1 working cycle customizable under type of material	
NOTE: with side grid close recommended with C&D with final result 0-3.9in / with open side grid result 0-9.8in recommended for wood & waste	

DATA SHEET



PRODUCT CONVEYOR	
Belt width	2.6 ft
Stockpile Height	10.5 ft
Folding Mechanism	Hydraulically folding
Construction	Impact bar under crusher
Belt type	Chevron
Motor Drive	200cc
Drive drum diam,	10.6 in
Tail drum diam.	8.5 in Spoked to cleaning
Internal Scraper	Yes
Lubrication	Grease lines on bearings
NOTE: Fully skirted, belt tension adjustments can be made on drive drum	

DATA SHEET

OVERBAND MAGNETIC	
Belt width	1.6 ft
Belt Length	4 ft
Side of discharge	• Right side (from the back power unit)
Construcion	• Raise and Lower system
Discharge chute	• Via stainless steel shredder plate to help exit of steel
Belt type	EP 400/3 3+1,5
Hydraulic Motor Drive	120CC
Drive drum diam.	6.9 in
Tail drum diam.	6.9 in
Magnetic Power	1000 Gauss

CRAWLER TRACK	
Width	1.3 ft
Length	7.4 ft
Height	1.8 ft
Gearbox	PMP -Trackone
Two speed	Yes
Climbing grade	20 °
• Heavy duty weld on crusher frames	
• Steel chain	

SAME MACHINE 2 OPTION

SKIP HOOK	
Hook Skip	3 position of height

POWERUNIT	
Engine Stage 3A	VOLVO PENTA 160kW HP220
Engine Stage 4F & V	VOLVO PENTA 160kW HP220
Fuel tank capacity	100 gal
Hydraulic tank capacity	39.6 gal
Ad Blue tank	11.8 gal
Consumption	5.3-6.6 gal/h
Shaft pump	89cc X 2 Danfoss • Variable displacement
Services Pump	48cc X 1 • Variable displacement
Hydraulic motor shaft	2 x Danfoss • Variable speed motor
Main Control valve	• Walvoil proportional and compensated control valve
Cooling engine/Hydraulic oil	• By Water Triple

Hydraulic cooling	Yes with triple cooling
Hydraulic reverse	Each 60 minutes reverse for 1 minutes (can be adjusted by control panel) suck air fan
Tension	24V
Air Filter	2 filter: first by oil batch second dry filter
NOTE: Fully enclosed power unit under vibrating feeder - Big Back door to access ground level power unit. The Diesel and Hydraulic oil tank are double room to be divide from shredding chamber.	

CONTROL SYSTEM	
	• Intuitive "push button" control system with large display screen with menu driven graphic
	• Switch ON by key and choose remote o display drive + prepare at work with level (lift machine - open product conveyor)
Manual Mode	• For manually starting machine or test part
Automatic Mode	• For automatically starting in predetermined sequence
Configuration Mode	• For setting working process: type material -SYNCRO/ASYNCR0
Dog Lead	• To track drive without remote control
Emergency stops	• 1 in the Radio control + 2 in the Chassis

Remote control (standard)	• Track drive • Automatic working cycle • Manual mode - drive shaft in manually • OPEN/CLOSED rear tilting hopper • UP/DOWN overband (change pins before move) Work only with folded magnetic to have more open space for air into radiator.
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WORKING PROGRAM

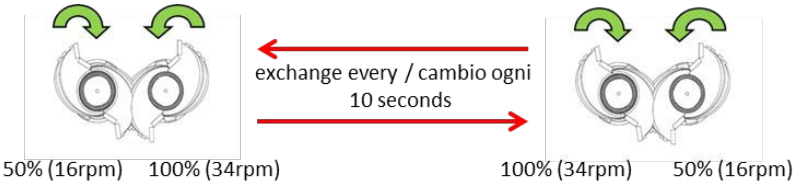
- NOTE:**
"REVERSE OF ROTATION" is active
The shafts (or only one) rotate in reverse for 10 seconds every time the pressure of the shafts (or even one) exceeds 400 BAR for 1 second or every time the RPM of a shaft (or both) goes under 20 RPM (blocked shafts) for 1 second.
There is also another control on the RPM of the diesel engine; if during the work they go below 1700 RPM for 1 second the shafts against rotate.

"STARTING MOOD"
The automatic working program always starts with the last working mode set before switching off.

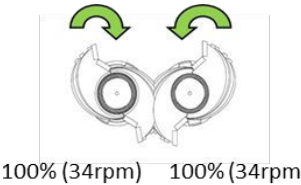
WORKING PROCESS

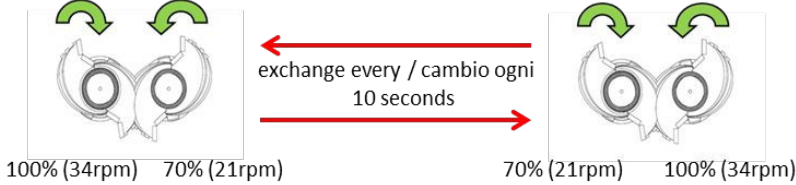
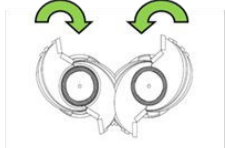
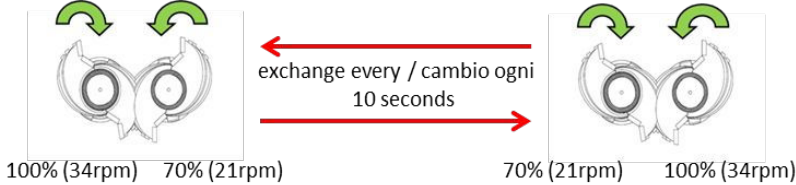
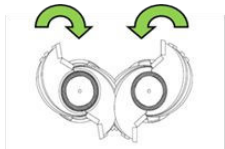
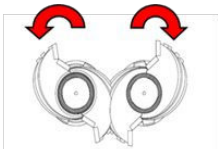


- Starting in ASYNCRO



- Mood SYNCRO



WORKING PROCESS	
	- Starting in ASYNCRO  100% (34rpm) 70% (21rpm) 70% (21rpm) 100% (34rpm) - Mood SYNCRO  4 minuts - 100% (34rpm)  2 minuts - 100% (34rpm)
	- Starting in ASYNCRO  100% (34rpm) 70% (21rpm) 70% (21rpm) 100% (34rpm) - Mood SYNCRO  4 minuts - 100% (34rpm)  2 minuts - 100% (34rpm)
	Can choose time of rotation - direction and speed of shafts depend special material have to treat.

DATA SHEET



SCREENER	OPTIONAL
Width grid	2.6 ft
Length grid	2.9 ft
Grid dimension	1.4 in
Fine Belt 1.3 ft	• Side discharge
Oversize	• Direct on field
Weight	1,102 lb

OPTIONAL	
• Screener to be fix on top of product conveyor	
• Different colored machine	
• Rubber pads only for transport to not damage chassis	
• C&D or Wood/Waste Shaft WITH support to fast change	
• C&D or Wood/Waste Shaft WITHOUT support to fast change	
• Support shaft for fast change	
• Pallet in steel to support shaft	

TECHNICAL DATA	
Weight	34,171 lb
Working Dim:	L 27.3 X W 7.2 X H 12.6 ft
Transport Dim:	L 24.6 X W 7.2 X H 7.9 ft
Fit into the container 40FT-HC	YES WITHOUT DISMANTLE
Spray bar located at crusher inlet and main conveyor	
CE Guard	
Remote monitoring kit with sim car for 1 year	
Up to throughput capacity <i>Approximate values</i> <i>Please note: The stated production capacity reflects maximum output under ideal conditions. Actual performance can vary based on material type, density, moisture, input size, machine settings, and operator technique.</i>	 80-120 Ton/h - 0-3.1in -C&D / Asphalt 4/min - 0-3.1in -Concrete railroad 10-20 Ton/h - 0-9.8in -Waste Wood -Green Wood -Tree roots (up to 15.7in) -White Goods

* All drawings dimensions approximate and in millimetres and feet and inches. Komplet Spa reserves the right to alter the specification of the machines without notice. Images may show some optional equipment

SALES ARGUMENTS

- **Overband magnetic with raise & lower**
- **Rear tilting hopper**
- **Hydraulically side grid all made in ANTIWEAR material (Hardox 400)**
- **User friendly control panel with 3 pre-setting program + 1 customizable**
- **Internal side lining shredding chamber + Gear side lining with Antiwear material (Hardox 450)**
- **Quick fast shaft change**
- **Volvo penta engine 220HP**
- **Reverse fan + easy open cover to clean**
- **Product conveyor with reverse option to clean blockage**
- **Modem + 12 months SIM card to control from remote**
- **SHAFT made teeth and support in Hardox 400**
- **Side tank (oil and diesel) with reinforced steel plate (not in direct touch with side lining of shredding chamber)**

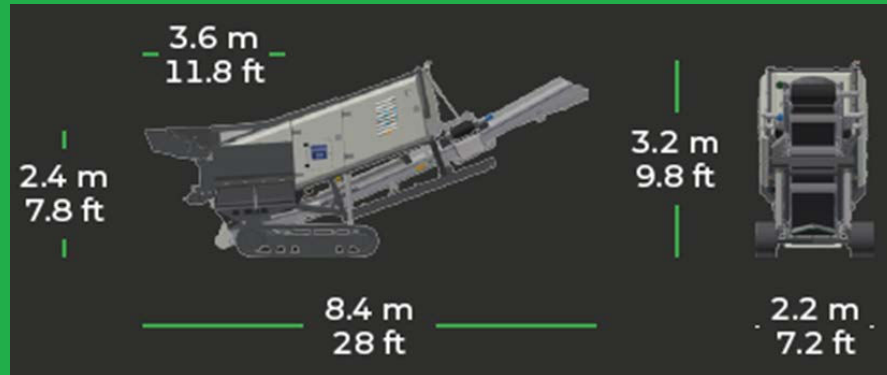
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SALES ARGUMENTS

- **Quality of hydraulic pipes with valve for maintenance and cover protection on all pipes**
- **Wide opening to crush big material on the c&d shaft thanks to the position and height of teeth**

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WORKING



TRANSPORT

