

Up to 3900 kg/h



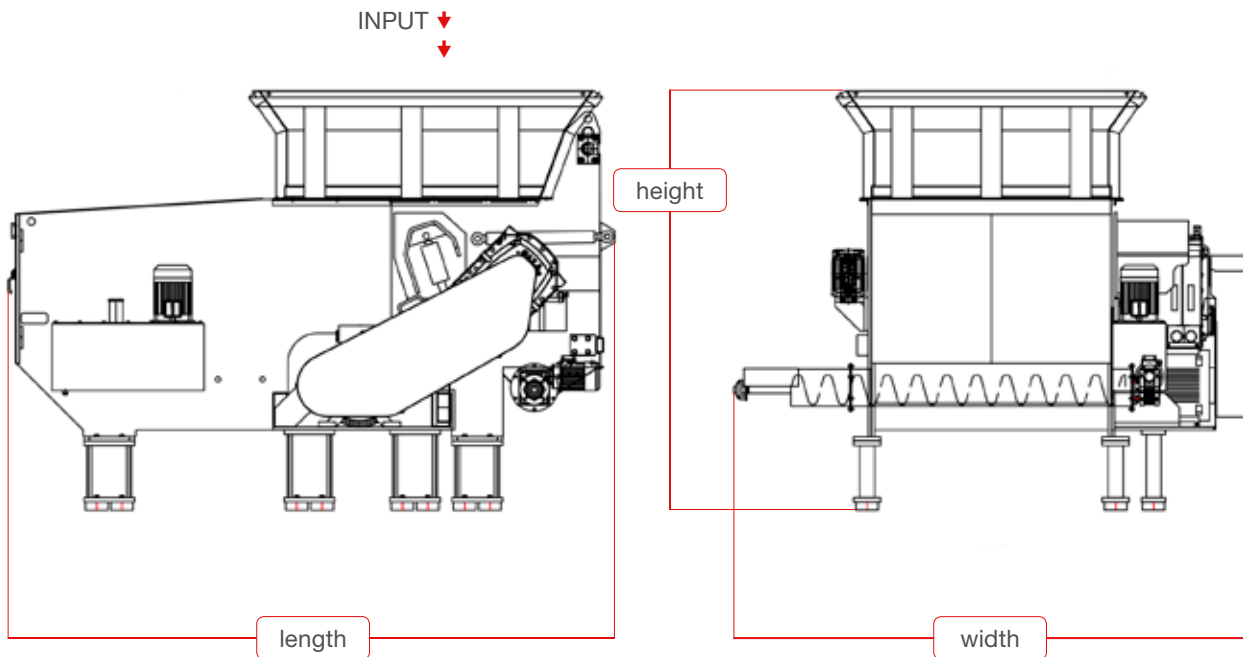
ROUGH CHOPPER (MRC)

The Multi Purpose Rough Choppers of REDOMA are mainly intended for shredding of cables but can also be used for other materials, such as wood, plastics, cartons etc.

- Cable pieces, coils and bundles can be fed into the rough chopper
- Automatic buffer feeding
- Rotor knives made of hard metal for extra long life span
- Wear-resistant screen made of HARDOX available in different sizes
- Hydraulic pusher
- Hydraulic shock absorber for gear box
- Automatic reversing of rotor when overloaded
- Material discharge normally by screw conveyor
- Suitable for forklift or crane feeding
- PLC-operated with touch screen
- 10 pre-set programs for different types of cable
- Cables are chopped down to typically 10-25 mm



Rough Chopper



Technical Specifications	MRC 18-680	MRC 37-1000	MRC 45-1350	MRC 55-1350	MRC 90-1600	MRC 110-1800	Dimensions Units (EN)
Motor for rotor	18.5	37	45	55	90	110	kW
Motor for hydraulic unit	2.2	4.0	4.0	4.0	5.5	7.5	kW
Motor for screw conveyor	1.1	1.5	1.5	1.5	2.2	2.2	kW
Rotor length	680	1000	1350	1350	1600	1800	mm
Rotor diameter	310	310	360	360	490	590	mm
Rotor knives	44	84	76	92	72	104	pcs
Fixed knives	2	3	4	4	4	4	pcs
Hopper volume	1.0	1.5	2.0	2.0	2.5	3.0	m³
Hopper opening	1400 x 1290	1880 x 1000	1880 x 1350	1880 x 1350	2230 x 1940	2590 x 2150	mm
Overall length	2150	3450	3450	3450	4080	4680	mm
Overall width	1510	2560	2900	2980	3445	3770	mm
Overall height	2255	2555	2555	2555	2820	2820	mm
Weight, approx.	1500	4000	4860	5000	10.500	12.000	kg
Max. cable diameter	80	100	120	130	140	160	mm
Max. capacity mixed cable (*)	400	600	800	1100	1800	2100	kg/h
Max. capacity power cable (**)	750	1150	1500	2000	3500	3900	kg/h
Installed in Redoma plant	Thunderhawk B	Powercat C	Powercat B	Firefox	Firefox Turbo	Firefox Special	

*) Max. infeed capacity is based on mixed cable with a copper content of 40%.

**) Max. infeed capacity is based on power cable with a copper content of minimum 70%.

