

# ROUGH CHOPPER

RC  
110

RC  
160



CROCODILE



**Extremely robust  
and strong**



**Formidable  
cutting strength**



**Replacement of knives and  
screen in record time**



**Easy hydraulic change  
of screen**



**Smooth and silent  
operation**



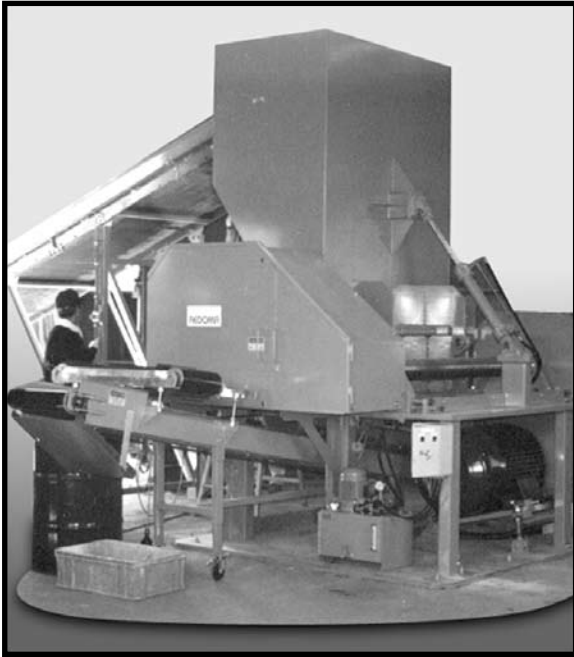
**High capacity**



**Voracious like  
a crocodile**

SYSTEM  
**REDOMA**<sup>®</sup>  
SWEDEN

*Leading Manufacturer of Cable Recycling Plants Worldwide.*



*The CROCODILE:  
a hungry beast quickly devouring your cable scrap.*

## Technical Specification

MODEL	RC110	RC160	
Required floor area.....	2500 x 2140 ...	3100 x 2140	mm
Height .....	3000	3000	mm
Rotor length .....	1080	1560	mm
Cutting circle diameter.....	450	450	mm
No. of rotor knives.....	24	36	pcs
No. of fixed knives.....	9	13	pcs
No. of rotor knife rows.....	3	3	pcs
No. of fixed knife rows.....	1	1	pcs
Rotor speed .....	115	115	rpm
Motor, rated input.....	110	160	kW
Weight (approximate) .....	9.5	11.1	t
Screen hole size	(typical Ø 20 mm for cable)		

Capacity for mixed copper cable (depending on type):

- with screen Ø 20 mm ..... approx. 2.5 ..... 3.4 t/h
- with screen Ø 40 mm ..... approx. 4.0 ..... 5.4 t/h

Transmission: Motor - Timing belt drive - Flywheel with friction coupling.

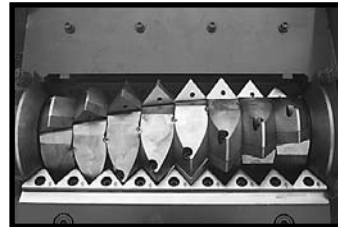
*With reservation for technical alterations.*



*Special device for replacement of screen.*



*Quick replacement of screen.*



*Massive rotor with tremendous cutting strength.*



*Easy and quick replacement of knives.*



## Rough Chopper RC110-1080 and RC160-1560 "CROCODILE"

Rough Chopper RC110 is best suited for the throughput of a FIREFOX recycling plant. And the RC160 is suitable for the high throughput of the largest REDOMA plants.

The design is extremely robust with an extraordinary cutting strength. It is like a crocodile – with sharp, triangular teeth – that quickly devours all kinds of cable.

The rough chopper is preferably fed by means of a grab. Cables are cut into finger-size pieces, ideally suited for automatic feeding into a REDOMA cable recycling plant.

Due to the helical arrangement of the rotor knives the machine is very smooth and silent in operation, with no need for noise dampening or special foundation.

The machine is specially designed for easy and quick maintenance. The individual knives are easily accessible and quick to replace. Both fixed and rotor knives can be sharpened some eight times on any standard surface grinding machine.

Introducing the CROCODILE: a hungry beast quickly devouring your cable scrap.

- Hydraulic screen lifting device
- Concealed knife fastening bolts
- Friction clutch
- Timing belt drive
- Externally placed rotor bearings
- Heavy flywheel
- No oversize

Screen replacement only takes a few minutes.

Very quick knife replacement by pneumatic or electric screw driver.

Protection against overload and damage of rotor.

Silent running. No belt slipping.

Protection of bearings from dirt.

Formidable cutting power.

Fits in a standard box container.

SYSTEM  
**REDOMA**<sup>®</sup>  
S W E D E N

For more information, please contact: