

# PROMEKO



## *SHREDDERS FOR PLASTIC*



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## OPERATING

The material enters in the shredding chamber through a wide feeding hopper and it's forced against the rotor-stator device by hydraulic puscher. The rotor's shaft is fortified with rotary blades that goes on to grind the material through cut against fixed blade. The fixed blade can be sharpened.



## PROMEKO KR SHREDDER MECHANICAL TRASMISSION

The transmission is composed by:

- Electric motor
- Gear box with parallel axis
- Hydraulic coupling
- Pulley and belts
- Elastic joint with breaking plugs for torque limitation

### VANTAGES

- Low cost maintenance
- Low power installed
- High capacity feeding hopper
- High-tech PLC CONTROL

## PRODUCTION RATIO CHART

This production ratio is reliable with PE (LDPE,MDPE,HDPE) PP film in bales, blocks, plastic bottle, injection moulding scraps, paper and cardboard, dry fraction waste with k/m<sup>3</sup> 150:200

### SCREEN SIZE mm

#### SHREDDER TYPE

KR1500-440-55kW-blade40  
KR1500-440-75kW-blade40

Ø 12 ÷ 15  
400-500  
500-700

Ø 20  
400-600  
600-700

Ø 25  
500-700  
600-800

Ø 60  
900/1000  
1100/1200

KR1800-440-75kW-blade40  
KR1800-440-90kW-blade40  
KR1800-560-110kW-blade40  
KR1800-560-132kW-blade40  
KR1800-700-110kW-blade40  
KR1800-700-132kW-blade40

600-800  
750-900  
900-1200  
1000-1300  
1200 - 1500  
1200-1600

700-900  
800-1000  
1000-1200  
1000-1400  
1300 - 1600  
1300-1700

800-1000  
900-1100  
1100-1300  
1100-1500  
1400-1700  
1500-1800

1200/1300  
1300/1350  
1500-1600  
1500-1800  
1800-2200  
2000-2400

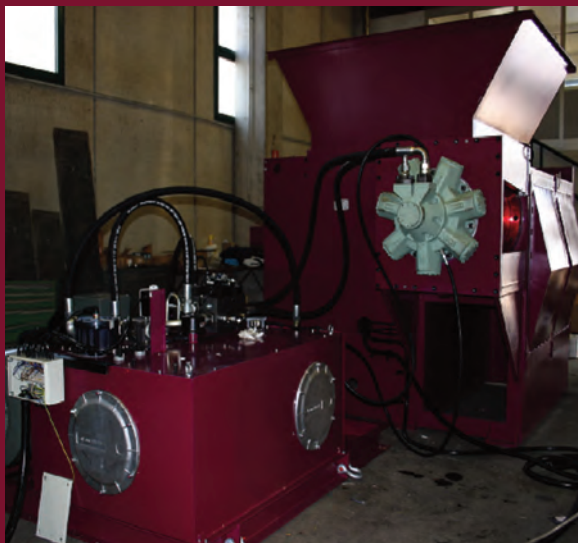
KR2200-560-160kW-Hydraulic-blade40  
KR2200-560-200kW-Hydraulic-blade40  
KR2200-700-160kW-Hydraulic-blade40  
KR2200-700-200kW-Hydraulic-blade40

1400-1700  
1600-2000  
1500-1800  
1800-2200

1500-1700  
1800-2000  
1600-1800  
2000-2200

1600-1900  
1800-2000  
1800-2000  
2000-2300

2500-3000  
2800-3200  
3000-3500  
3500-3800



## PROMEKO KR SHREDDER HYDRAULIC TRASMISSION

The transmission is composed by:

- Hydraulic motor
- Hydraulic power unit
- Steel gear tooth coupling

### VANTAGES

- Low cost maintenance
- High torque power
- High capacity feeding hopper
- High-tech PLC CONTROL
- Self-regulation rpm rotor
- Increase efficiency/capacity for the treatment because when the request torque increase the rotor not stop but it reduces the speed rpm

**PROMEKO KR SHREDDER: TO SOLVE YOUR PLASTIC PROBLEM!!!!**