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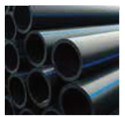
J Series

Pipe Shredder



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Pipe Shredder

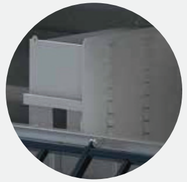
J Series

J1200 PIPE Shredding system is design to process plastic pipe or plastic profile with 6-meter-long, 1200mm diameter. Four shaft shredding design is a leading technology in the world and an initiative origination from China. With best cutting rotor assignment, the fours shafts form the best cutting angle. Separate motor starting design highly reduce import for the electricity network. Cutting shaft can be controlled separately, so as to bring down the running cost of the machine.

Every cutting shaft owns specific features according to its location, to achieve best cutting effect. The feeding system is equipped with multilevel hydraulic cylinder, powered and control by efficient, stable and automatic control system. Feeding speed can be controlled for shredding different material, so that the target of energy saving can be achieved. The equipment is with compact and reliable design. Safe checking doors and covers is designed with hydraulic opening device for easy maintenance.

J Series		
Model	J800	J1200
Dimension (L x W x H) (mm)	12924 × 2668 × 2426	12400 x 4270 x 3130
Ram Travel (mm)	7500	6500
Rotation Diameter (mm)	460	400
Rotor Length (mm)	1000	1300
Rotation Speed (RPM)	60	80
Number of Rotor Knives (pcs)	29+28	150
Number of Counter Knives (pcs)	2	3
Hydraulic Power (kw)	18.5	18
Motor Power (kw)	30 kw (1) 30 kw (1)	30 kw (3) 37 kw (1)

Automatic feeding flip
- Hydraulic powered feeding flip for loading heavy and large diameter pipes



Long Hydraulic Ram Travel
- Ram travel as long as 6 meters, allows long pipes be fed in without pre-cutting
- Equipped with powerful hydraulic pack – capable of handling heavy and large diameter pipes

Stand Along Gearbox Design
- Enable rotor function independently, consuming high impact during shredding bulky material
- Enable independent control for each shaft, possible for treating material from small to large dimension

Rotor
- V-Cutting Rotor Design- with staggered cutter positioning Heat treated rotor blades - special dc53 steel, four edges use before replacement
- Adjustable counter blades- cutter clearance can be re-positioned