



CE

Shrine

# DOUBLE SHAFT SHREDDER



The shredder consists of two shafts fixed with multiple rotary cutting discs. The material is grabbed between two counter rotating shafts. It is powered with heavy duty gearbox to handle excessive load while shredding. In case of overload during shredding the counter rotating shafts automatically rotate in reverse direction for a few seconds. The machines are used for a wide range of applications

such as Organic waste reduction, Plastic waste reduction, Rubber tires shredding, Electronic waste reduction etc. The two shaft shredder is the most popular method used in shredding. The machines are supplied with microprocessor controlled AC drive. It is enclosed with power coated steel enclosure. All kind of safety interlocks ensure risk free smooth operation.

## SIMPLE 3 STEPS OF OPERATION



Load waste in to machine



Press Motor ON push button



Switch off Motor & take out shredded waste collected in bin

## SALIENT FEATURES OF SHRINE SHREDDER MACHINE

- 1 Versatility:** It shreds soft plastic bottles, tubing, hand gloves & also hard syringes.
- 2 No air pollution:** Dust & fumes is not generating while shredding.
- 3 No sound pollution:** Low cutting speed hence, low noise level.
- 4 Safety features:** All safety features like overload protection, short circuit protection, door open cut off switch & reversal of rotation is provided.
- 5 Low electrical consumption:** It consumes less electricity than other shredder.
- 6 Operator friendly:** The simple construction provides better operating environment.
- 7 Less maintenance cost:** Fixed cutter can be re-ground several times reduces the cost of spares.
- 8 Shock loading:** In case of non shreddable material in cutting chamber, machine will stop automatically to avoid damages.

## TECHNICAL SPECIFICATIONS

MODEL SHRINE	DSS 90	DSS 900	DSS 909	DSS 990
Shredding chamber size ( L x W ) mm	315 x 234	315 x 320	315 x 520	415 x 720
Loading hopper size ( L x H ) mm	400 x 400	500 x 500	600 x 600	800 x 800
A C Electrical Induction geared motor 3 Phase, 440 VAC	3 HP	5 HP	7.5 HP	10 HP
Incoming Electrical Supply 3 Phase, 440 VAC, 50 Hz	10 Amp	25 Amp	32 Amp	63 Amp
Overall dimension of machine in mm L x W x H (approx.)	1350 x 600 x 1500	1500 x 600 x 1500	1600 x 600 x 1750	1800 x 600 x 2000
Gross weight of machine in Kgs (approx.)	500	750	1050	1500