A perfect shredder to start your business The TS Power Shred 69/90 is making a name for itself.

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Metso's TS Power®Shred 69/90 is making its mark in North America.

## Working it's way into the global market.

"The compact yet powerful TS Power®Shred 69/90 has become quite popular in North America's small- to mid-size scrap processing yards. It has been specifically engineered to better fit the demands in today's smaller and developing markets."

Although smaller in size, the machine is designed for processing a complete mix of scrap metal that is typical of larger shredders — appliances, light scrap and loose material including both "peddler" scrap and car bodies.

#### **Design features**

Design features include a 40-degree feed chute, dual 30-inch feed roll, hydraulic roll drive, shredding chamber based on proven Lindemann ZZ175 design, disc or spider rotor, AC or single DC drive motor and basic electrical controls.

#### **Rotors**

#### Disc rotor

Designed to withstand the demands of today's high performance shredders, our proprietary, precision shrink-fit disc rotor features high strength materials to withstand system forces. These rotors are designed to fit in competitive makes of shredders as well as our own models.

#### Spider rotor

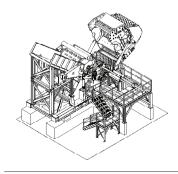
Our spider rotor assemblies are designed to add substantially more work force. They offer fully-capped protection of the spiders and end discs, delivering long life. Aggressive and easy to feed, these rotors process unshreddables that could cause broken grates, stretched bearing studs or more serious problems that can be encountered when using conventional rotors.

"Whether your requirements call for the TS Power"Shred 69/90 shredder or the traditional, world-renowned TS machine, Metso has the right scrap shredder for your application and price range."

### Please contact us to survey your current situation.

#### **Key benefits:**

- Smaller shredder with plenty of powe
- Designed for 35-65 tons per hour output
- Lower initial investment, quicker payback
- Optimized for metal shredding in niche and developing markets
- Optional high-density package available for cooling scrap applications
- Backed by Metso's global resource



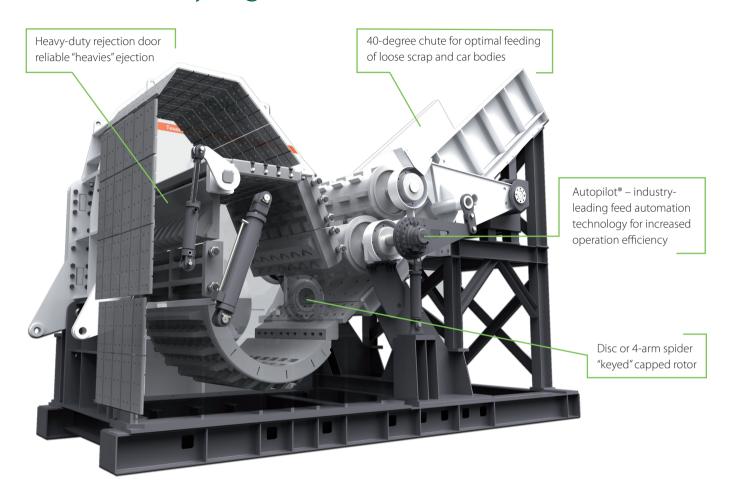
TS Power®Shred 69/90

#### **Processing capacities**

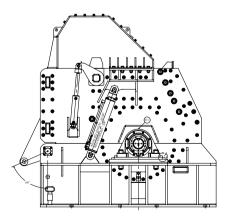
Rotor circle diameter	Width of chute & shredder	Horsepower	Production (Mtons/hr input)
69 in.	82 in.	1500 hp	35 – 45
		2000 hp	45 – 60
		2500 hp	55 – 65

#### High in performance.

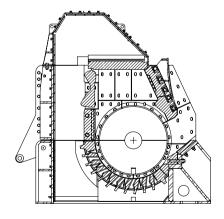
# Designed to do the job similar or better than a more costly high-end shredder.



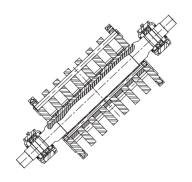
#### **Technical data**



General assembly	
Shredder weight w/disc rotor 341,275	lbs.
Shredder inside width	90"
Feed angle	40°
Sidewall thickness	2"
Shredder frame (height & width) 178" x	163"



Cross section	
Shredder opening height	28"
Anvil	3 pieces
Grates	panel style



Rotor	
Hammer swing diameter	69"
Shaft diameter	16"
Bearing	260 mm
Rotating weight (disc)	40,000 lbs.
Rotating weight (spider)	48,000 lbs.