



MODEL 5

ADVANCED DATA SHEET

DETAILS	
Model Name	Model 5
Model Title	60" shaft tracked primary shredder
Category	Shredders
Type	Mobile Dual Shaft
Brand	Olnova
Description	<p>The Olnova Model 5 is designed for wood and construction waste recycling including shredding wood pallets, asphalt, and concrete. This primary shredder is mobile and comes on tracks and the hook lift system allows for easy loading onto a trailer. Featuring a quick shaft replacement system and large access doors makes maintenance easy. The hydraulic side combs allow you to control the output of the shredder so you can get the exact sized product for your needs. The Olnova Model 5 comes with a reverse shaft system to prevent blockages. With three distinct shredding modes wood, universal, and asynchronous the Olnova Model 5 offers versatile processing tailored to diverse material requirements. Equipped with advanced features such as 'Industry 4.0' - for remote performance analysis, customer feedback, and troubleshooting from anywhere in the world. Elevate your recycling processes with the Olnova Model 5, setting new standards in sustainability and operational excellence.</p>

PROCESSED MATERIALS

- Asphalt
- Concrete
- Construction Waste
- Green Waste
- Pallets
- Plastic
- Scrap Metal
- Shingles
- Tires
- Wood

RECOMMENDED USE

Best For	Shredding materials like C&D waste, concrete, soft metals, and asphalt
Good For	Wood waste, plastic waste, biomass, tires and soft metals. Medium-scale projects needing a mobile, track-mounted shredder.
Not Built For	Extremely high-volume industrial shredding and hard metals.
Best Loader	Large excavator with grapple/thumb

KEY SPECIFICATIONS

Engine Type	CAT C4.4 188 hp or Volvo Penta 220 hp
Size Out	Up to 2.40 "
Ton per hour	Up to 100 tph

OTHER SPECIFICATIONS

Engine Power	188 hp
Feed Height	7'10"
Mobility	Mobile
Shaft Length	60 "
Stockpile Height	9'10"
Torque	59,005 lbf-ft
Transport Size (L x W x H)	23'4" X 7'3" X 8'8"
Working Size (L x W x H)	25'5" X 7'3" X 11'9"
Fuel Consumption	7.1 gal/h
Shredding chamber dimension (W x L)	53.3 " X 60 "
Operating Weight	Up to 33,070 lb

FEATURES

- Quickly replace shafts
- Hydraulically controlled side combs to control output size
- Overbelt magnet to remove metal from final product
- Reverse mode for unclogging the machine and working with sticky materials
- Hydraulic discharge conveyor
- 3 Shredding modes : wood / universal / asynchronous
- Remote performance analysis and troubleshooting worldwide

ADD-ONS	DESCRIPTION
Custom Side Chutes	Side chutes and breaker bar designed to produce a consistent 2" Minus material

FAQ	
What is the difference between universal shafts and C&D shafts?	Universal shafts have sharp edges for cutting wood and tires, while C&D shafts have blunt rectangular ends for pulverizing. Using universal shafts for C&D wears edges quickly, needing frequent change
What is the benefit of hardfacing my Olnova Model 5 shafts?	Hardfacing the shafts of the Olnova Model 5 can significantly reduce the need for replacement or maintenance, reducing machine downtime and increasing operational efficiency.