

THANIT

Twin Shaft Shredder
WD 150 - WD 200



www.wrsitalia.com

THANIT - Twin Shaft Shredder

WD 150 - WD 200

The SHREDDERS THANIT Series WD 150 and WD 200 are the result of years of experience in designing and maintenance of shredders. The machines, designed by the engineers WRS Italy, (guaranty) offer significant benefits and simple maintenance. The shredder is designed to ensure volume reduction and the rough material for the subsequent processes of recycling and maintenance. The control panel is equipped with a PLC to handle, and additional equipment for the machine such as: integration with other equipment, the emergency circuit and system preservation of mechanical parts by controlling the input power (auto-reversing).

The machines are equipped with two shafts with an independent transmission group for each other in order to reduce the laps up to 5-15 rpm. The machine is equipped with hydraulic or electric power transmission. Furthermore, the cutting geometry allows a high degree of performance on a variety of materials while the structure of the cutting chamber has been studied for easy

maintenance and fast wearing of parts (Blades, spacers and anvil). The hopper stand and the base can be customized to various solutions for loading and unloading of the work piece materials.

There are multiple configurations of blades for the production of various materials, such as bulky, plastic - rubber, worn-out tires, paper, pharmaceutical-medical waste, refrigerators, electronic waste, hazardous waste, industrial waste, cdr, MSW, filters Oil trucks and cars, drums, aluminum, light metal scrap, scrap from paper mills and many others.

Characteristics

- Blades made of high- alloy steel and heat-treated;
- interchangeable special steel blades for a more rapid and economical tool changer and for the treatment of highly exhaust materials;
- bearings, installed away from the working chamber, protected by a system of labyrinths in order to avoid to occur any damages to the machine;
- blade mounting system of high resistance that allow precise micro regulation;
- possibility of the variable speed motors for high volume production of tenacious, hydraulic and electrical materials;
- the installation of various accessories (optional) such as hydraulic pusher, automatic greasing system, hoppers for special loads, strip loading and extraction, vibro conveyors, iron removers, and many others.



	WD 150/10	WD 150/13	WD 200/12	WD 200/15	WD 200/18	
Motorisation (KW)	2x37 Hydraulic		2x75 Hydraulic			
	2x30 Electric		2x55 Hydraulic			
	2x22 Electric		2x55 Electric			
Weight (kg)	4500 kg - 6500 kg		8000 kg - 9500 kg			
Type of cutting	Integral blades thickness 50/75		Integral blades thickness 50/75			
			Interchangeable special steel blades 50/100			
Overall dimensions	L1	3900	4200	4100	4400	4700
	L2	4200	4500	4500	4800	5100
	L3	3000	3300	2900	3500	3800
	H	580		630		
Dimensions cutting chamber (A x B)	C	1250		1135		
	A	900		1100		
	B	1000	1300	1200	1500	1800

