



ENGINEERED PRODUCTS

COARSE MATERIAL WASHERS

Engineers and Manufacturers of Washing, Vibrating and Crushing Equipment

Description

Trio's **Coarse Material Washers** and blade mills are ideally suited for thoroughly scrubbing and cleaning up to 2 1/2" to 3" material. Built with large, three stage gearboxes and outboard lower bearing assemblies, the units are designed for long operating life and maintenance ease. The tubs are comprised of heavy gauge plate, and are designed for maximum life in various applications.

The units can be operated with electric, hydraulic, or combustion power. Each unit comes complete with support legs, adjustable motor base, motor guard, lifting lugs and supports, and a v-belts guard.

Operating Principal

The required water is introduced to wash out deleterious material over the tub end. Dust and clay and other undesirable feed material components are eliminated from the fed material by this abrading and washing action.

Deleterious material with light specific gravity (wood, lignite, paper), are carried out of the tub by the rising current of water within the tub.

For tougher applications, additional paddle configurations can be used in lieu of conveyor flights. This lengthens the material retention time in the machine and results in more extensive scrubbing in the tub.



Distributed by:



Applications

- Gravel
- Crushed Stone
- Mixed Clay Material
- Mixed Debris
- Mud
- Environmental

Models/Sizes

- 36" x 18' - Single / Twin
- 36" x 18' - Blade - Single / Twin
- 44" x 20' - Single / Twin
- 44" x 20' - Blade - Single / Twin

Features

- Extreme duty gearbox
- Extra-thick shafting
- Cast ni-hard paddles and wear shoes
- Bolt on flight and paddle hubs

Other Considerations

- One Year Warranty
- Quick Deliveries
- Off-the-shelf parts
- Nationwide distribution
- Superior Quality
- Low Price Guarantee

TRIO Equipment Europe Ltd.,

Clonminam Industrial Park, Portlaoise, Co. Laois, Ireland.

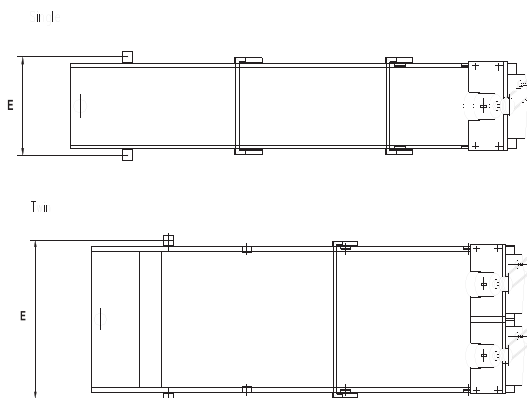
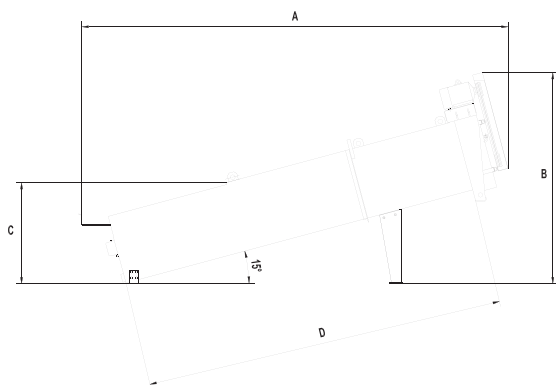
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Single Screw Washers

Washer	Max Feeding Size		Max Capacity (tph)	Motor Power		Operating Speed (rpm)	Machine		GPM Water Required
	(in)	(mm)		(hp)	(kw)		(lbs)	(kg)	
36" x 18'	2 1/2"	60	175	30	22	32	13,800	6300	400 to 600
36" x 18' Blade	2 1/2"	60	250	40	30	26	13,000	5900	400 to 600
44" x 20'	3"	75	250	40	30	32	23,000	10500	500 to 750
44" x 20' Blade	3"	75	375	50	37.5	26	22,000	10000	500 to 750

Double Screw Washers (Twin)

Washer	Max Feeding Size		Max Capacity (tph)	Motor Power		Operating Speed (rpm)	Machine		GPM Water Required
	(in)	(mm)		(hp)	(kw)		(lbs)	(kg)	
36" x 18'	2 1/2"	60	350	30x2	22x2	32	26,000	11800	800 to 1200
36" x 18' Blade	2 1/2"	60	500	40x2	30x2	32	25,000	11500	800 to 1200
44" x 20'	3"	75	500	40x2	30x2	26	45,000	20500	1000 to 1500
44" x 20' Blade	3"	75	750	50x2	37.5x2	26	44,000	21000	1000 to 1500

Dimensions

Model / Dimension	A		B		C		D		E	
	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)
TCW3618	269"	6900	127"	3250	61"	1600	217"	5600	59"	1500
TCW4420	299"	7600	146"	3700	68"	1800	250"	6350	70"	1800
TTCW3618	269"	6900	127"	3250	61"	1600	217"	5600	96"	2500
TTCW4420	299"	7600	146"	3700	68"	1800	250"	5600	112"	2900

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