



**ENGINEERED PRODUCTS**

# LOG WASHERS

**Engineers and Manufacturers of Washing, Vibrating and Crushing Equipment**

## Description

Trio's **Log Washers** are ideal for scrubbing difficult materials. Tough insoluble clays, conglomerates and soft stone, and certain cemented aggregates are too difficult to clean properly in normal screw machines. The log washer thoroughly scours, breaks down, and cleans the toughest materials.

Trio's log washers use the same outstanding features found in our fine and course washers — features such as heavy duty conveying paddles, a rising column of water, and construction features such as heavy duty tubs, oversize bearings and gears. Heavy duty, replaceable shoes provide a long operating life and protect the shaft and tips from long term wear and tear.

Each cast shoe has a corrugated surface to promote the most severe scrubbing action. Tubular log shafts are also designed to be considerably stronger than competing rectangular shafts used by other vendors. The lower end is bolted to a fully machined stub shaft, while the upper end is mounted through a flexible coupling to the output shaft of the heavy duty gearbox. The Trio compound drive divides the operating load over an optimal combination of helical and spur gears, each oversized to ensure maximum operating life.

## Operating Principal

Log washer paddles subject the material to continuous grinding and abrading. The units' rising water current facilitates the removal of foreign matter, while adjustable water discharge gates are provided on both sides of the lower end of the tubs.

Input water is controlled by a valve, while discharge water flow is controlled by overflow gates. Ordinarily, log washers are installed at an 8° angle, though there are times that an operator may choose to increase or decrease that angle depending on the particular application requirements.

Distributed by:



## Applications

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

## Models / Sizes

- 36" x 30'
- 36" x 35'
- 44" x 30'
- 44" x 35'

## 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.

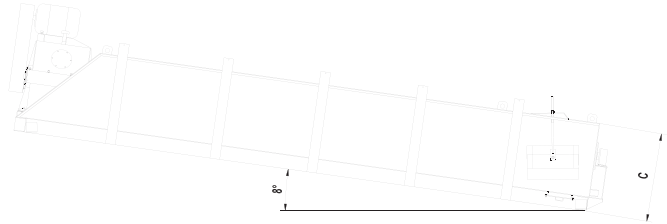
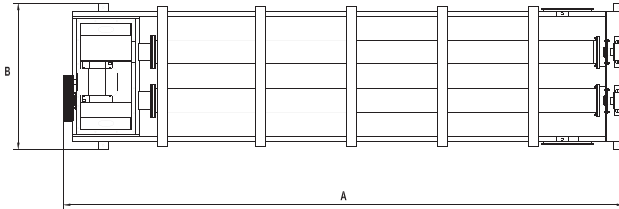
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## Log Washers

Washer	Max Feeding Size		Max Capacity (tph)	Power		Operating Speed (rpm)	Machine Weight	
	(in)	(mm)		(hp)	(kw)		(lbs)	(kg)
36" x 30'	3"	76	50-125	100-150	75-110	32	42,500	19500
36" x 35'	3"	76	50-125	150	110	32	48,000	22000
44" x 30'	4"	102	75-175	150-200	110-150	26	60,500	27500
44" x 35'	4"	102	75-175	200	150	26	68,000	31000

## Dimensions

Model / Dimension	A (in) (mm)		B (in) (mm)		C (in) (mm)	
TLW3630	417"	10591	89"	2260	48"	1219
TLW3535	477"	12115	89"	2260	48"	1219
TLW4430	434"	11023	113"	2870	59"	1498
TLW4435	489"	12420	113"	2870	59"	1498

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