



# Mineral beneficiation equipment

## LOG WASHERS



## SINGLE and DOUBLE SHAFT LOG WASHERS

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**Our business :**

Design and construction of equipment for the Material Handling and for the sand, gravel and mineral beneficiation industry





## General description for all Log Washers

Welded frame construction of Steel E 24-2  
 Double screw or single screw  
 Adjustable inclination  
 Rotation speed: 12 – 25 rpm  
 Shafts driven by Direct-Drive motors  
 Motor and reducer connection by V-belts  
 Electric motors executed with hydraulic couplings  
 Water tightness by labyrinth covers and grease  
 Fixation of the rotors by means of independent roller bearings  
 Rotor with demountable blades executed in steel or manganese steel  
 Closing at the top of the tank by means of demountable bars  
 Supports at the back adjustable by means of profiles  
 Removable inner lining of the tank

### GENERAL TECHNICAL CHARACTERISTICS OF THE SINGLE SHAFT LOG WASHERS

TYPE	Nominal length of the tank	Nominal width of the tank	Number of shafts	Number of motors	Total power installed	Nominal average capacity	Advised quantity of fresh water	Maximum grain size	Total empty weight
SV 35.08	3500 mm	800 mm	1	1	7,5 Kw	12 m <sup>3</sup> /h	8 m <sup>3</sup> /h	50 mm	2500 kg
SV 45.10	4500 mm	1000 mm	1	1	11,0 Kw	15 à 20 m <sup>3</sup> /h	14 m <sup>3</sup> /h	60 mm	3500 kg
SV 55.11	5500 mm	1100 mm	1	1	30,0 Kw	50 à 65 m <sup>3</sup> /h	45 m <sup>3</sup> /h	80 mm	6000 kg

### GENERAL TECHNICAL CHARACTERISTICS OF THE DOUBLE SHAFT LOG WASHERS

TYPE	Nominal length of the tank	Nominal width of the tank	Number of shafts	Number of motors	Total power installed	Nominal average capacity	Advised quantity of fresh water	Maximum grain size	Total empty weight
DV 45.15	4500 mm	1500 mm	2	2	22,0 Kw	35 à 40 m <sup>3</sup> /h	25 m <sup>3</sup> /h	60 mm	5000 kg
DV 50.18	5000 mm	1800 mm	2	2	30,0 Kw	50 à 60 m <sup>3</sup> /h	40 m <sup>3</sup> /h	80 mm	7500 kg
DV 55.22	5500 mm	2200 mm	2	2	44,0 Kw	85 à 90 m <sup>3</sup> /h	60 m <sup>3</sup> /h	80 mm	9000 kg
DV 60.24	6000 mm	2400 mm	2	2	60,0 Kw	110 à 120 m <sup>3</sup> /h	80 m <sup>3</sup> /h	80 mm	11000 kg
DV 65.27	6500 mm	2700 mm	2	2	90,0 Kw	130 à 160 m <sup>3</sup> /h	110 m <sup>3</sup> /h	80 mm	15000 kg

- The technical characteristics mentioned in this document may be subject to modification without notification and are not contractually binding -

## - Other equipment - Other services -

Scrubbers



Conceptional design of equipment



Machining



Precision machining

