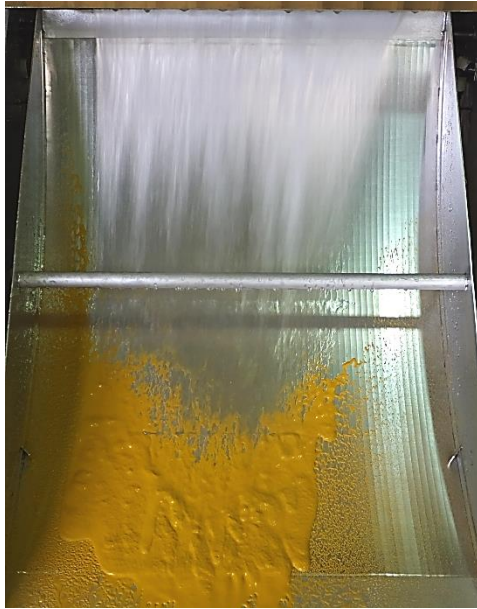


FineArc-60

—SCREEN FOR SEPARATING FINE PARTICLES—



Pressure Injection-Type 60 Degree Arc Screen

- Can thicken or separate fine solids on the order of dozens of microns from liquids by adopting our high-precision superfine wedge wire screen called “Fine Wedge”.
- Can perform well in various fields such as preliminary processing in advance of various fine filtration equipment, recovery of resin powder, resist film and chemical plants’ various particles, recovery of sludge and grindstone particles in the coolant, and reduction of wastewater’s load by thickening sludge in it.
- Can provide various options of slit width (i.e. clearance between wires) from 0.02 mm (20μm) upwards.
- Can process, for example, 35m³/h with slit width 0.03 mm (30 μm) and nozzles’ discharge pressure 0.05 MPa.
 - ※ The processing capacity varies depending on raw water concentration, solid particle diameter, water temperature, wire type, slit width and other factors.
- We are ready to test customers’ materials on our equipment at their site (* so far in Japan) or our shop located in Nara Prefecture, Japan. As for potential overseas customers, we are willing to discuss the possible approach with them deliberately.

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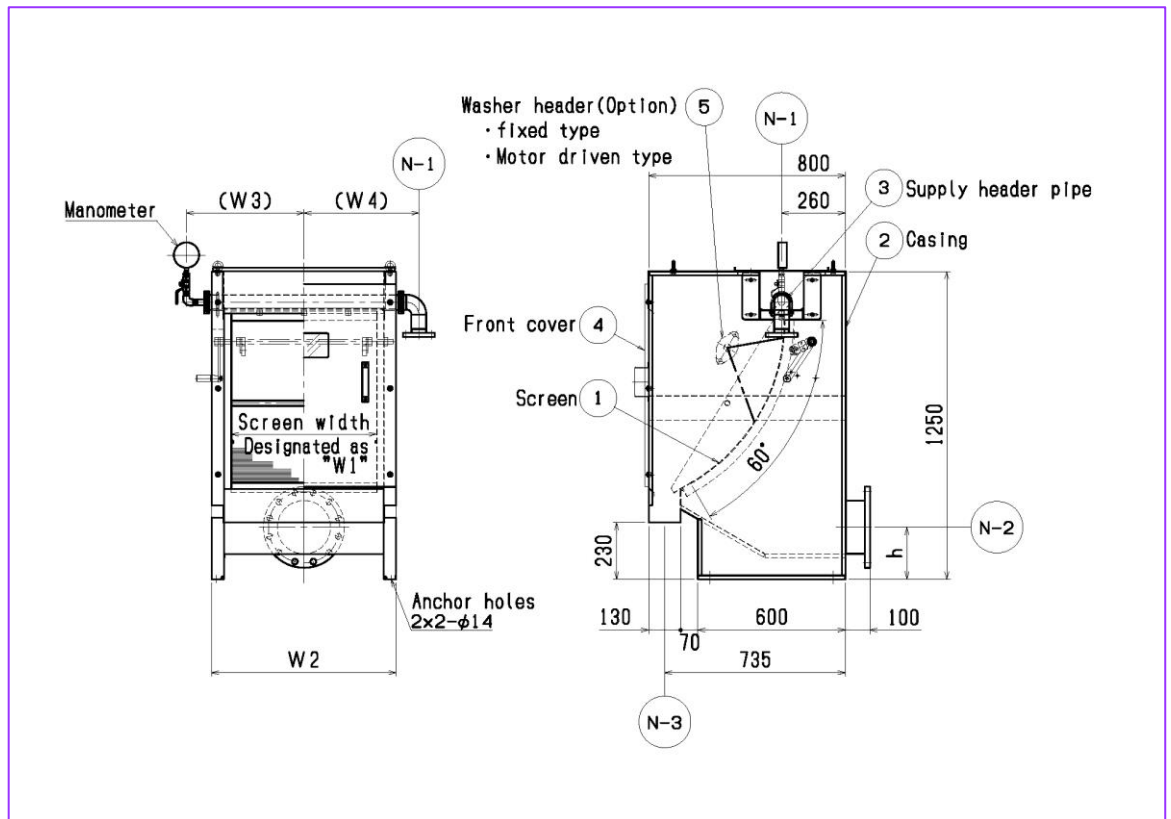
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● Outline dimensions



This drawing shows Type-600

	W1	W2	W3	W4	h	N1	N2	N3
Type-200	200	450	278	267	160	32~50A	100A	130 X 253
Type-600	600	750	478	467	215	50~80A	200A	130 X 653

● Process Capacity (Examples up to 2016 October)

Application	Slit (μm)	Supply Press. (Mpa)	Type	Process Capacity (m ³ /h)	Remarks
To remove feathers from waste water of the incubating plant	20	0.2~0.3	600	5.3	
To collect blue-green algae from pond	20	0.2~0.3	600X2	20	
To remove resin powder in the production plant	30	0.06	200	2	With fixed type washer
To remove cotton fiber from waste water of cotton coating process	30	0.15	200	4	
To remove paper powder from waste water of high pressure process	30	0.17~0.18	200X3	15	
To remove solid particles from condensed beverage	50	0.24	600	5.6	With motor driven washer
To remove rice bran from waste water of pickles	50	0.2~0.3	600	6	
To remove calcium sulfate from waste water of the production plant	50	0.2~0.3	600	11.2	

(※According to the actual test data)