

Fine Sand Recovery System

The fine sand recovery system is an environmentally friendly machine designed for efficient recovery of fine sand particles. It is widely used in purification of fine sand mud, sand and gravel aggregates recycling, and artificial sand production.



ADDITIONAL IMAGES



Product Overview

Fine Sand Recovery System

This fine sand recycling machine is an environmentally friendly solution designed to recover fine sand particles from wastewater streams. It is widely utilized in hydropower systems, glass raw material processing, and artificial sand production lines to minimize material loss. By integrating advanced hydrocyclone and dewatering screen technology, the system effectively separates fine sand from liquid, achieving up to 95% recovery of fine grain materials.

Key Features

System Benefits

Environment-friendly, High recovery rate, Anti-blocking screen, Polyurethane screen cloth, Reduced sand loss

Performance Highlights

Efficiency Metrics

95 %

Max Fine Grain Recovery

10 %

Max Sand Loss Reduction

Technical Specifications

Technical Data Table

Model	Capacity (m3/h)	Pump Power (kw)	Screen Area (m2)	Weight (kg)
BL-06-300	30-80	11	1.35	3945
BL-08-300	40-100	15	1.8	4200
BL-10-350	70-130	18.5	.25	4900
BL-12-550	100-220	22	3.6	7515
BL-12-650	120-272	30	3.6	7833
BL-14-750	180-350	37	4.2	9610
BL-14-750 II	230-430	45	5.25	11850
BL-16-900	250-500	55	5.25	14300
BL-16-650	300-500	55	6.00	16700
BL-18-750	400-600	75	6.75	19680