



Fines Separation Units

Better manage sludge and slurries

This fully automatic slurry management system dewateres solids laden slurry or fines laden water from several sources simultaneously. (It is a bit like straining cooked rice!)

How does the Brain Fines Separation Unit (FSU) work?

An auger – pneumatically, hydraulically, or electrically driven – separates coal fines and other materials from water.

Brain's FSU can dewater almost any hard ore, rock, stone, sand, or other contaminants and hazardous materials with a particle size of less than 80mm that are within water soluble clays or silts.

The end product has a typical moisture content of 15% – 20% and can be discharged directly on to a conveyor belt, hopper, or secondary dewatering screen.

Various models or custom-made

Brain Industries has various, standard, FSU models but can customise one to your needs.

	FSU 366	FSU 280
Height	3300mm	2500mm
Width	1530mm	1500mm
Length	6300mm	5400mm
Weight	1400kg	1250kg
Dewater (litres/hour)	30,000	20,000



Benefits and Features

- ✓ Dewater up to 30,000 litres per hour and recover 40m³ of dry fines or other material every 24 hours
- ✓ Fully automatic
- ✓ Electric, pneumatic, or hydraulic drive options
- ✓ Silent operation
- ✓ Low power usage
- ✓ Built using stainless steel for a longer service life
- ✓ Skid mounted with forklift tyne products
- ✓ Easily transportable



We Welcome your enquiries