

Polyurethane spiral concentrator

Descriptions

Polyurethane spiral concentrator is made of the fiberglass lined with wear-resistant resin and emery cover; then add paint Polyurethane, the advantages are light, moisture proof, anti-rust, wear proof, anti corrosion and no noise, properly suitable for the different feeding particle sizes and grades. It is the domestic advanced level, the new highly effective equipment.

Applications

It has been used in to enrichment the particle size 0.3-0.02 millimeters fine grain like iron, tin, chromite, ilmenite, tungsten, zinc, tantalum-niobium, gold, coal, monazite, rutile, zircon and other low-grade ores. The non-metallic minerals which have a big enough specific gravity difference.

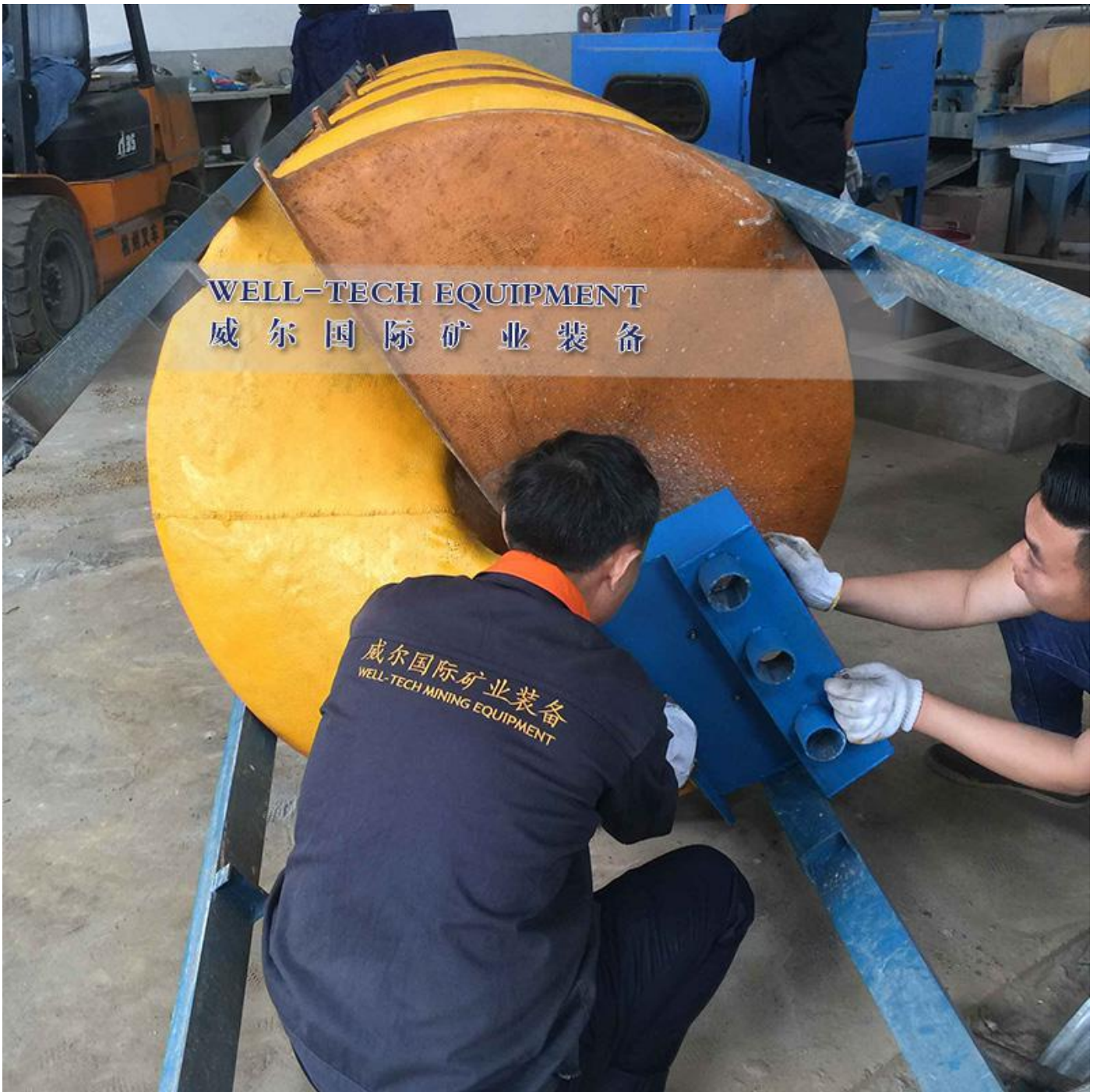
Features

- ◆ Reasonable structure and small area occupation
- ◆ High recovery, high efficiency, and precise separation
- ◆ Non-required power
- ◆ Light in weight, anti corrosion, rust and wear resistant
- ◆ Simple installation and Minimal maintenance requirements
- ◆ Low operating cost and long working life
- ◆ Reliable running with minimal operator attention
- ◆ Strong adaptability to fluctuation of feeding amount, density, size and grade
- ◆ The surface of emery forms strong friction the concentration effect surpass plastic surface

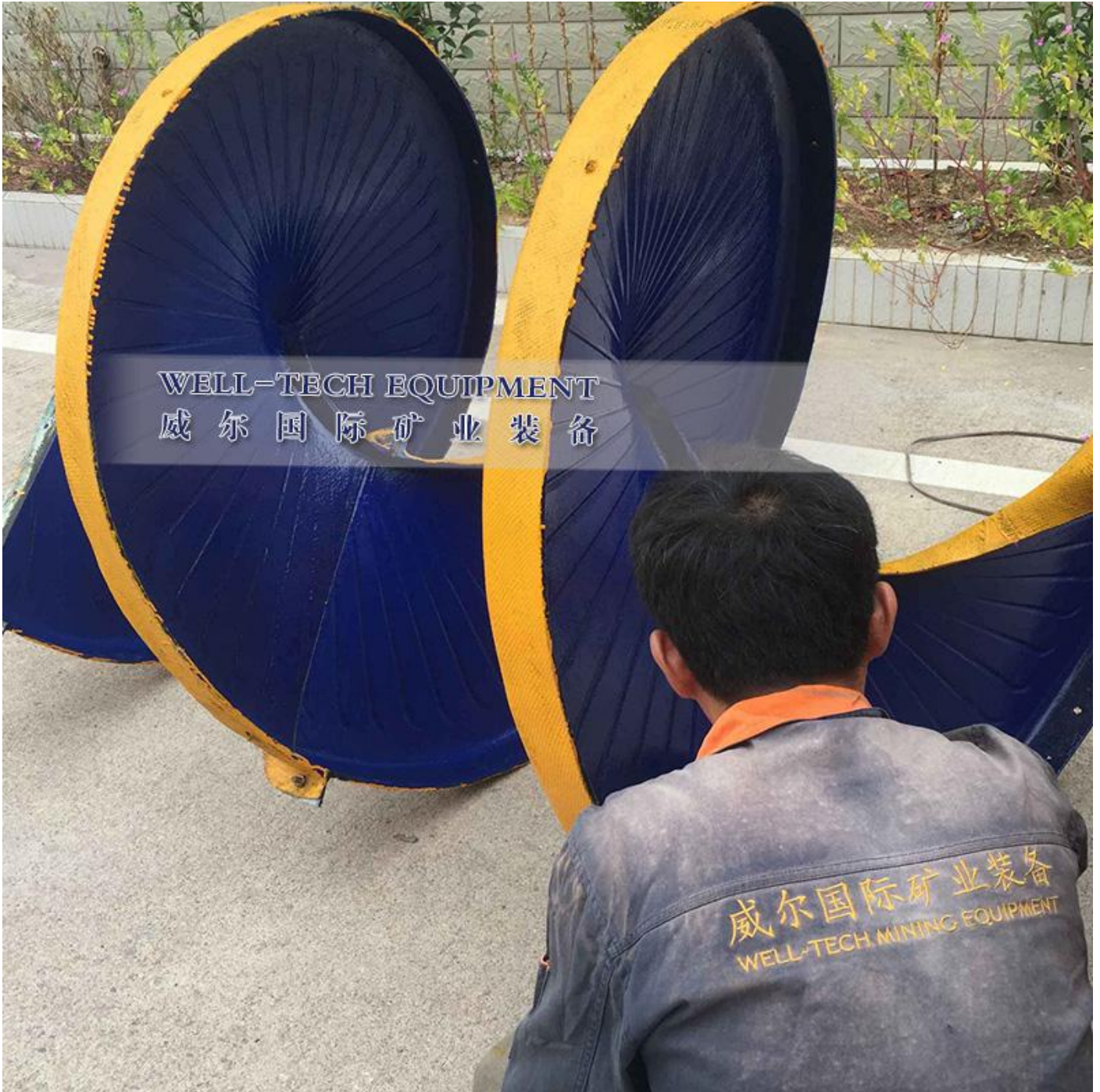
Spiral concentrator Technical Specifications

Specification	5LL-2000	5LL-1500	5LL-1200	5LL-900	5LL-600	5LL-400	
Spiral Diameter (mm)	2000	1500	1200	900	600	400	
Spiral Pitch (mm)	1200	720/540	900/720 /540	675/540 /405	450/360 /270	240/180	
Ratio of Pitch To Diameter	0.6	0.48/0.36	0.75/0.6 /0.45	0.75/0.6 /0.45	0.75/0.6 /0.45	0.6/0.45	
Lateral Obliquity	9°	9°	9°	9°	9°	9°	
Starts	3	4	4	4	2	2	
Feeding Sizes (mm)	2.00-0.04	0.8-0.037	0.3-0.03	0.3-0.03	0.2-0.02	0.2-0.02	
Feeding Density (%)	30-55	30-60	25-35	25-55	25-55	25-55	
Capacity (t/h)	7-10	6-8	4-6	2-3	0.4-0.8	0.15-0.2	
Dimension (mm)	Length	2120	1600	1360	1060	700	460
	Width	2120	1600	1360	1060	700	460
	Height	5600	5300	5230	4000	2600	1500
Weight (kg)	900	800	600	400	150	50	

Application:



Tungsten plant in Vietnam



Polyurethane spiral separator