



CONCENTRATING TABLES



DEISTER
CONCENTRATOR

Recognized around the world as the most highly-developed wet concentrating tables available.

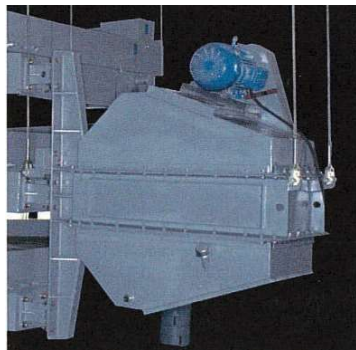


RIFFLING SYSTEMS

- Sand
- Slime
- Take-Off Riffle Systems
- Customer-Requested Systems Available

RHOMBOIDAL SHAPE

This unique shape allows for higher grades and increased recoveries. This translates into greater profits for Deister customers.



DRIVING MECHANISM

Our Head Motions produce a differential motion allowing for a more efficient recovery process. This distinguishes Deister from less efficient bumping motion type tables.

MINERAL RECOVERY

Gold streak on a Deister Concentrating table.



TABLE FAMILY OF PRODUCTS



#999 Concentrating Table



#99 Concentrating Table

UNIQUELY-MOLDED POLYETHYLENE LAUNDERS SET DEISTER CONCENTRATING TABLES APART FROM THE COMPETITION.



LAUNDERS

- Made from molded HDPE
- Easily adjustable cutting pans
- Profile design allows for excellent visibility to assure increased recoveries
- The first operator-friendly launder system
- Also can be supplied in stainless steel



LARGE 999 CONCENTRATING TABLE INSTALLATION



#6 Concentrating Table



#14 Concentrating Table



#15-S Lab Concentrating Table

U.S. SYSTEM							
TYPE OF FEED	PARTICLE TOP SIZE	*CAPACITY PER DECK STPH			DRESSING WATER PER DECK GPM		
		999/99/6	14	15-S	999/99/6	14	15-S
Coarse Sand	10 mesh	2.5	1.25	0.125	10-16	5-8	0.5-0.8
Medium Sand	48 mesh	1.5	0.75	0.075	8-12	4-6	0.4-0.6
Fine Sand	100 mesh	1.0	0.50	0.050	5-9	3-5	0.3-0.5
Slime	325 mesh	0.5	0.25	0.025	3-5	2-4	0.2-0.4
TYPE OF FEED	FEED % SOLIDS	STROKES/MIN	STROKE INCHES	DECK ADJUSTMENTS IN/FT			
				END ELEVATION	SIDE TILT		
Coarse Sand	20	260-265	0.75	1/4	5/16		
Medium Sand	22	265-270	0.75	3/16	1/4		
Fine Sand	23	270-275	0.50	1/8	3/16		
Slime	25	275-280	0.50	1/16	1/8		
METRIC SYSTEM							
TYPE OF FEED	PARTICLE TOP SIZE	*CAPACITY PER DECK MTPH			DRESSING WATER PER DECK M ³ /H		
		999/99/6	14	15-S	999/99/6	14	15-S
Coarse Sand	2.0 mm	2.3	1.15	0.115	2.3-3.6	1.1-1.8	0.11-0.18
Medium Sand	0.30 mm	1.4	0.70	0.070	1.8-2.7	0.9-1.4	0.09-0.14
Fine Sand	0.15 mm	0.9	0.45	0.045	1.1-2.0	0.7-1.1	0.07-0.11
Slime	0.044 mm	0.4	0.20	0.020	0.7-1.1	0.5-0.9	0.05-0.90
TYPE OF FEED	FEED % SOLIDS	STROKES/MIN	STROKE mm	DECK ADJUSTMENTS mm/M			
				END ELEVATION	SIDE TILT		
Coarse Sand	20	260-265	19	20	25		
Medium Sand	22	265-270	19	15	20		
Fine Sand	23	270-275	13	10	15		
Slime	25	275-280	13	5	10		

*Capacity for Cleaner Feeds are generally 50% less than that of Rougher Feeds.