



# DEWATERING SCREEN

High frequency screen reduces moisture to as low as 8%.



AS LOW AS 8% MOISTURE CONTENT

## APPLICATIONS

- » Dewater material
- » Same day product shipping
- » Higher stockpiles; No winter drainage
- » Water passes material/screen media
- » Moisture content as low as 8%

## FEATURES



01/ ADJUSTABLE FROM 0 TO 2°

03/ LOW HORSEPOWER

05/ FINES RECOVERY JET (NOT SHOWN)

02/ EASY ADJUST DISCHARGE DAM

04/ URETHANE SCREEN SIDEWALLS

## OPTIONS

SUPPORT STRUCTURE

SPRAY BARS

DISCHARGE CHUTE

FINES RECOVERY JET

COLLECTING FLUME

ROAD PORTABLE PACKAGE

## FEATURES



**OPTIONAL ROAD PORTABLE PACKAGE**



**02/ ADJUSTABLE DECK (0 - 2°)**



**04/ URETHANE SCREEN SIDEWALLS**

- » Screened side panels
- » More screening surface
- » More tonnage using smaller units
- » Magnetic side panels



**05/ FINES RECOVERY JET**

- » Return fines to screw via water jet
- » Save 3% of product from ponds
- » Profit earned for quicker payback
- » Integrate into existing equipment
- » Low water requirements (90-100 gpm)
- » Expensive alternative requires sump

## DEWATERING SCREEN SPECIFICATIONS\*

	Capacity*		Screen Size		Weight		Total Screening Area**		Screen Motor	
	STPH	MTPH	ft	m	lbs.	kg	ft <sup>2</sup>	m <sup>2</sup>	HP	kW
<b>STANDARD</b>										
3081VBDS	40 - 80	36 - 72	3 x 8	0.9 x 2.4	5,300	2,500	58	5.4	(2) 7.0	(2) 5.3
4081VBDS	60 - 120	54 - 108	4 x 8	1.2 x 2.4	5,700	2,600	68	6.4	(2) 7.0	(2) 5.3
4101VBDS	60 - 120	54 - 108	4 x 10	1.2 x 3.0	6,500	3,000	82	7.7	(2) 7.0	(2) 5.3
5101VBDS	100 - 200	91 - 182	5 x 10	1.5 x 3.0	8,200	3,800	94	8.8	(2) 11.4	(2) 8.6
6101VBDS	150 - 300	136 - 272	6 x 10	1.8 x 3.0	9,000	4,100	106	9.9	(2) 9.4	(2) 7.1
6121VBDS	150 - 300	136 - 272	6 x 12	1.8 x 3.6	10,000	4,600	124	11.6	(2) 9.4	(2) 7.1
7121VBDS	200 - 400	182 - 364	7 x 12	1.2 x 3.6	11,000	5,000	137	12.8	(2) 17.4	(2) 13.0
<b>LOW PROFILE</b>										
3081VBDSL	40 - 80	36 - 72	3 x 8	0.9 x 2.4	5,000	2,300	47	4.4	(2) 7.0	(2) 5.3
4081VBDSL	60 - 120	54 - 108	4 x 8	1.2 x 2.4	5,500	2,500	57	5.3	(2) 7.0	(2) 5.3
5101VBDSL	100 - 200	91 - 182	5 x 10	1.5 x 3.0	8,000	3,700	81	7.6	(2) 11.4	(2) 5.3

\*All capacities are based on a bulk density of 100 lbs/ft<sup>3</sup> (1,601.85 kg/m<sup>3</sup>).

\*\*Total screening area is the sum of the bottom, angled and side deck area which allows for maximum drainage of moisture.

The performance criteria listed above for the dewatering screen, including capacity (finished tons per hour) and finished product gradations, depend on many input parameters (including but not limited to feed gradation and material characteristics). Any variation in the input parameters will affect the performance criteria such that the performance criteria may be outside of the values or ranges listed above. Superior Industries does not guarantee the performance criteria apart from a signed performance guarantee which may be separately issued by superior and based on a detailed study of your application and your commitment to maintain agreed-upon input parameters.