HMV
Heavy Machinery
Viqa LLC
AUTHORIZED DEALER OF PROPEL UAE

propel

Pro Wash
PW Series



Propel Pro Wash series is designed to ensure maximum efficiency from the washing plant. It facilitates the extremely accurate separation of silts and clays from the final washed sand products (M-Sand & P-Sand).



FEATURES

- ✓ High G force for better dewatering & water recovery.
- ✓ Feed box with rubber/PU lined reduces the material impact directly onto screen deck and increases the operational life.
- ✓ Need for secondary pump is not required as it eliminates the slurry pressure with the help of its high discharge point.
- ✓ Anti – turbulence inlets and weir discharge system. Modular construction for application flexibility sand / ores.
- ✓ Custom cyclone options for enhanced recovery

Low Maintenance | High Productivity | Quick assembly time

Propel. Always Ahead.

TECHNICAL DATA

Series		PW 100 V2	PW 150 V2	PW 200 V2	PW 250 V2	DP 250
*Capacity	TPH	60 - 80	90 - 120	120 - 160	150 - 250	200-250
Hydro Cyclone Size	mm (inch)	400 (15.7)	400 (15.7)	500 (19.7)	500 (19.7)	500 (19.7)
Slurry Pump Size (Suction x Delivery)	mm (inch)	152.4 x 101.6 (6.0 x 4.0)	203.2 x 152.4 (8.0 x6.0)	203.2 x 152.4 (8.0 x 6.0)	203.2 x 152.4 (8.0 x 6.0)	203.2 x 152.4 (8.0 x 6.0)
Slurry Pump Capacity	m^3/ hr	120	200	250	270	270
Slurry Pump Power	kw (hp)	15 (20)	30 (40)	37 (50)	45 (60)	45 (60)
Weight	kg (Ton)	8400 (8.4)	8800 (8.8)	11800 (11.8)	14000 (14.0)	30300 (30.3)

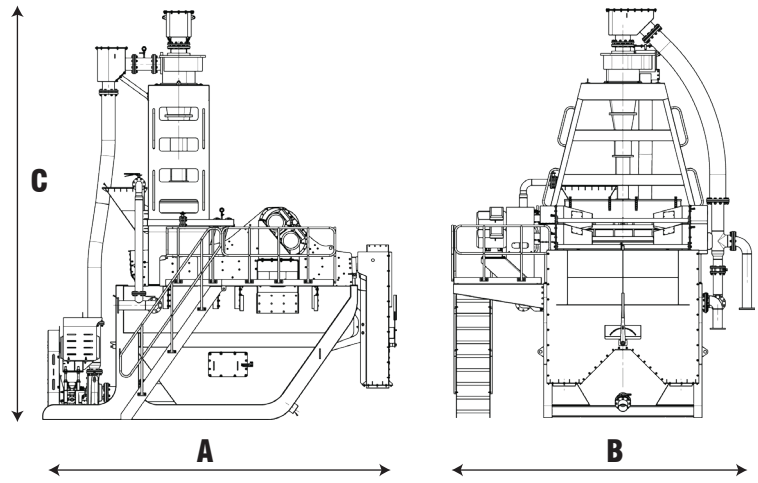
DEWATERING SCREEN

Series		PDW 100	PDW 150	PDW 200	PDW 250	DP 250
Screen Area (W x L)	mm	1800 x 2800	1800 x 2800	1800 x 4000	2400 x 3850	2400 x 3850
*Capacity	TPH	60 - 80	90 - 120	120 - 160	150 - 250	150 - 250
Operating Angle	deg	0° to 2°	0° to 2°	0° to 2°	0° to 2°	0° to 2°
Motor Power	kW (hp)	2 x 2.88 (2 x 4)	2 x 2.88 (2 x 4)	2 x 6.2 (2 x 8)	2 x 11 (2 x 15)	2 x 11 (2 x 15)
**Weight	Kg (Ton)	2400 (2.4)	2400 (2.4)	3800 (3.8)	4900 (4.9)	4900 (4.9)

*Details may vary based on application

Note: All the above technical details may vary at any time during engineering process & design development

DIMENSIONS



Model	Units	A	B	C
PW-100	mm	5785	3950	5806
PW-150	mm	5785	3950	5806
PW-200	mm	6470	3800	7058
PW-250	mm	6382	5422	7386
DP 250	mm	6382	9495	7879

GET IN TOUCH

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