

MWS

EQUIPMENT



Smarter
Washing
Solutions

COMPACT SAND PLANT

Modular Wash Range

TECHNICAL DATA

DIMENSIONS & WEIGHTS

	CSP 6	CSP 12	CSP 20	CSP 30
Length	5.5m (18' 1")	6.6m (21' 8")	7.2m (23' 8")	8.5m (27' 11")
Width	3.2 (10' 6")	3.8m (12' 6")	4.2m (13' 9")	4.3m (14' 1")
Height	5m (16' 5")	6.8m (22' 4")	7m (23')	6.9m (22' 7")
US TPH	66	132	220	300
M TPH	60	120	200	272

Note: TPH dependant on feed gradation

MAXIMUM POWER REQUIREMENT

	6		12		20		30	
	ONE SAND	TWO SAND	ONE SAND	TWO SAND	ONE SAND	TWO SAND	ONE SAND	TWO SAND
Total kW	24	28	44	51	62	77	95	105
Total HP	32	37.5	59	68	82	102	127	141
Pump kW	18.5	15 7.5	30	22 15	45	30 30	75	55 30
Pump HP	25	20 10	40	29.5 20	60	40 40	100	74 40
Dewatering Screen kW	2 off 3	2 off 3	2 off 4.5	2 off 4.5	2 off 8.5	2 off 8.5	2 off 10	2 off 10
Dewatering Screen HP	2 off 4	2 off 4	2 off 6	2 off 6	2 off 11	2 off 11	2 off 13.5	2 off 13.5

AVERAGE WATER REQUIREMENT

M³/h	150	150	300	300	500	500	750	750
US GPM	660	660	1321	1321	2202	2202	3300	3300

HYDROCYCLONES

- Hydrocyclones produce highly accurate separation of silts and clays from the final washed sand product
- Pump to hydrocyclone delivery system fully rubber lined ensuring maximum wear resistance

CHUTE

- Wear lined discharge chute
- Adjustable chute for material blending

WALKWAYS

- Galvanised walkways & access steps
- 30 inch (760mm) wide walkways
- Side and back of screen walkways for maintenance

CONTROL PANEL (OPTIONAL)

- IP65 Weather resistant enclosure
- LED/Strip lighting

MAIN TANK

- Access hatch
- Self regulating
- LH/RH Drain valve
- Anti turbulence cell
- Large access hatch for maintenance

CHASIS

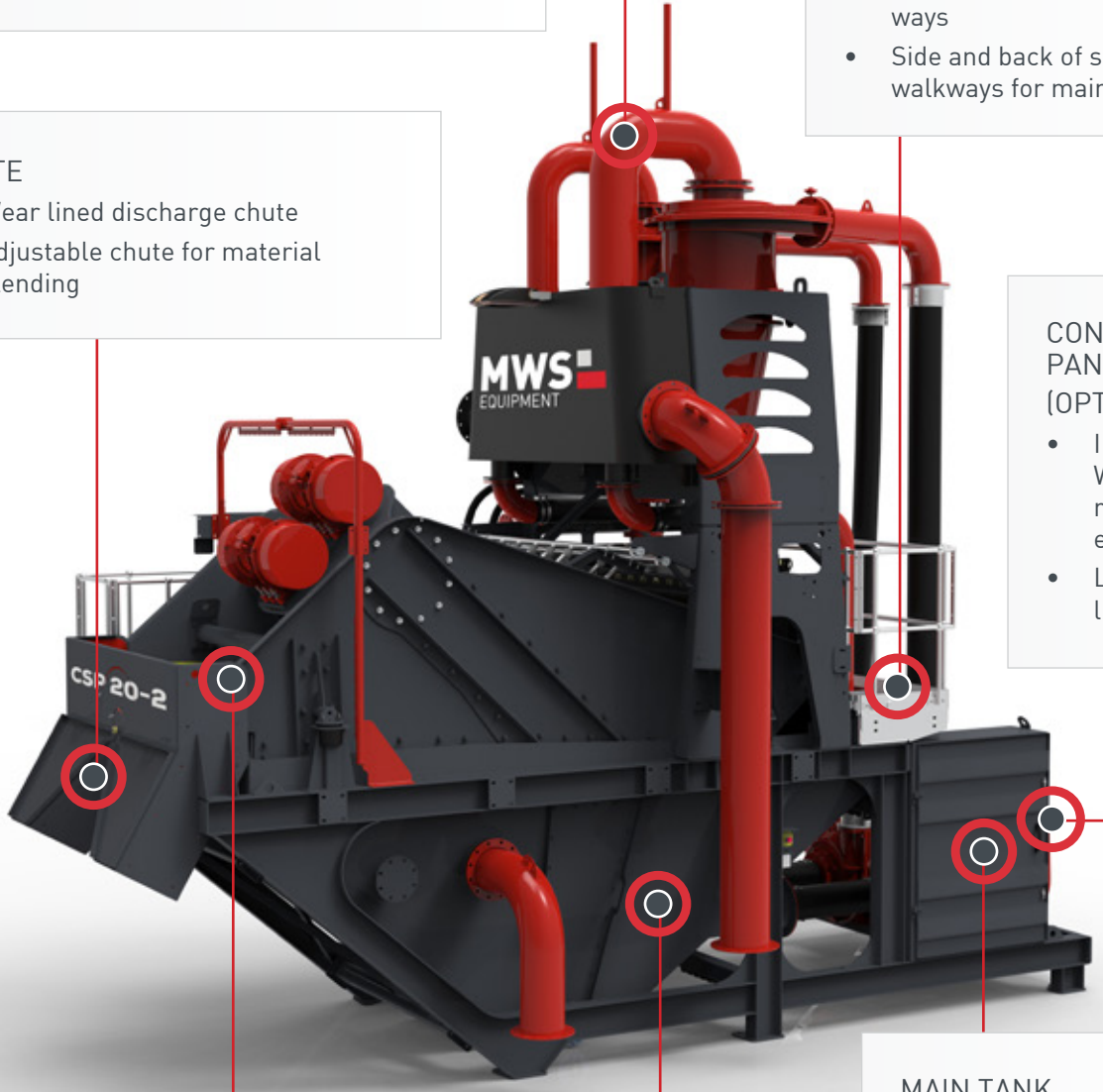
- Raised modular chasis for ease of cleaning

DEWATERING SCREEN

- Dewatered sand is discharged ready for market
- Twin vibrating motors with adjustable throw
- 200mm high Polyurethane side liners
- Fitted with Polyurethane modules

SCREEN SIZES

- 2.4m x 1.2m (8ft x 4ft)
- 3.6m x 1.5m (12ft x 5ft)
- 4.2m x 1.8m (14ft x 6ft)
- 4.87m x 2.1m (16ft x 7ft)



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