

BRIGHT TECHNOLOGIES TRAILER MOUNTED DEWATERING SYSTEMS



.8 Meter BFP 34' Trailer System

- **Ideal for Contract Work or Servicing Multiple Locations**
- **Fast Set Up and Demobilization**
- **Highest Throughputs Available**

FEATURES

- ◆ **304 Stainless Steel Frame and Rolls**
- ◆ **304 Stainless Steel Pans & Sump**
- ◆ **Patented Radius Wedge Section**
- ◆ **Patented Self Bailing Wing Roll**
- ◆ **Patented Belt Pneumatic Steering**
- ◆ **Pneumatic Belt Tension**
- ◆ **Color Touch Screen Controls**
- ◆ **Multi Function Belt Press Remote**
- ◆ **Rotary Lobe Sludge Pump (25' Lift)**
- ◆ **Non Skid Coated Operator Deck**
- ◆ **Compact Rotary Lobe Sludge Pump**
- ◆ **Non Potable Water Belt Wash Pump**
- ◆ **Four Point Polymer Injection**
- ◆ **Folding Discharge Conveyor**
- ◆ **Optional Wash Water Recycle System**
- ◆ **Optional Dual Voltage Operation**
- ◆ **Optional Filtrate Pump**
- ◆ **Optional Wash Water Aux Pump**
- ◆ **Optional 4 Bar Belt Wash**
- ◆ **Optional Electric Heat and AC**
- ◆ **Optional Sludge Grinder**
- ◆ **Optional Dual Polymer System**
- ◆ **Optional Hose Storage**
- ◆ **Optional Shelving & Tool Storage**



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BRIGHT TECHNOLOGIES P50-3200 TRAILER DEWATERING SYSTEM

BELT PRESS	P50-3200	ELECTRICAL CONTROLS	NEMA 4X
HYDRAULIC LIMIT	>170	CONTROL ENCLOSURES	
TYPICAL SOLIDS LOADING	400 - 800	PLC	SIEMENS
TYPICAL THROUGHPUT (1-3% MUNICIPAL DIGESTED SLUDGE SOLIDS)	35 - 100 GPM	TOUCH SCREEN	SIEMENS
CONSTRUCTION MATERIAL	304	VARIABLE FREQUENCY DRIVES	SIEMENS
FRAME CONSTRUCTION	4 X 4 SS	STANDARD POLYMER SYSTEM	
BELT DRIVE MOTOR	2	SYSTEM TYPE	EMULSION POLYMER
DRIVE ROLLS	2	METERING PUMP RANGE	1 - 4.0 GPH
BEARING L10 @ 30 PLI	250000	DILUTION WATER REQUIREMENT	2 - 6 GPM
PRESSURE RATING (FRAME AND ROLLS)	50	DILUTION WATER PRESSURE (MIN.)	45 PSI
AIR REQUIREMENT	4	MIXER TYPE	VENTURI
WASH WATER REQUIREMENT (MIN)	30	WATER INLET SIZE	1 MNPT
GRAVITY ZONE BELT AREA	15	OUTLET SIZE (TO INJECTION RING)	1 MNPT
WEDGE ZONE BELT AREA	19	INJECTION POINTS	BEFORE & AFTER SLUDGE PUMP
PRESSURE ZONE BELT AREA	48	FOLDING SLUDGE CAKE CONVEYOR	
PRESSURE RATING (FRAME AND ROLLS)	50	CONSTRUCTION MATERIAL	304 SS CHANNEL
AIR REQUIREMENT	4	STANDARD LENGTH	14 FEET
SLUDGE FEED PUMP		STANDARD BELT WIDTH	12 INCHES
SLUDGE PUMP TYPE	ROTARY LOBE	DRIVE MOTOR	1.0 HP
DRIVE MOTOR	5	BELT SPEED	150 FT./MIN
OUTPUT (MAX) AT 0 PSI	160	AIR COMPRESSOR	
SUCTION LIFT (MAX WET)	25	COMPRESSOR CONSTRUCTION	1 STAGE
SLUDGE FEED CONNECTION (SIZE)	4	DRIVE MOTOR	1.5 HP
OUTPUT (MAX) AT 0 PSI	160	PRESSURE (MAX)	125 PSI
SUCTION LIFT (MAX WET)	160	RECEIVER SIZE	30 GALLON
OUTPUT (MAX) AT 0 PSI	0.75	OPTIONAL FLOW METER	
SOLIDS PASSING		FEATURES	
WASH WATER PUMP		SLUDGE FLOW IN	GALLONS PROCESSED
PUMP TYPE	1 STAGE CENTRIFUGAL SUITABLE FOR REUSE OR GRAY WATER		TOTALS
PUMP FEATURES			
DRIVE MOTOR	15		
OUTPUT VOLUME (MAX)	60		
OUTPUT PRESSURE (MAX)	130		
SOLIDS PASSING (MAX)	0.187		

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