



hetech preex

FLUIDIZED BED PREEXPANDER				
	PX 1000		PX 2000	
L x W x H	3250 x 2010 x 3800 mm	10'8" x 6'7" x 12'10"	3515 x 2150 x 4500 mm	11'6" x 7'1" x 14'9"
12g/l (0.75 lb/ft³)	60 kg/h	133 lb/h	145 kg/h	320 lb/h
18g/l (1.12 lb/ft³)	90 kg/h	200 lb/h	210 kg/h	460 lb/h
25g/l (1.56 lb/ft³)	110 kg/h	240 lb/h	260 kg/h	575 lb/h
32g/l (2.00 lb/ft³)	120 kg/h	265 lb/h	270 kg/h	595 lb/h
Second expansion unit 8g/l	Not available		Not available	
Electrical connection value	11 kW		12,5 kW	
Net weight	1500 kg	3300 lb	1900 kg	4200 lb

	PX 5000		PX 7000	
L x W x H	4000 x 2250 x 5000 mm	13'20" x 7'50" x 16'50"	6500 x 2400 x 4800 mm	21'4" x 7'10" x 15'9"
12g/l (0.75 lb/ft³)	270 kg/h	600 lb/h	660 kg/h	1460 lb/h
18g/l (1.12 lb/ft³)	400 kg/h	880 lb/h	960 kg/h	2120 lb/h
25g/l (1.56 lb/ft³)	480 kg/h	1060 lb/h	1160 kg/h	2560 lb/h
32g/l (2.00 lb/ft³)	520 kg/h	1150 lb/h	1250 kg/h	2750 lb/h
Second expansion unit 8g/l	~150 kg/h		~320 kg/h	
Electrical connection value	15 kW		24 kW	
Net weight	2700 kg	5952,48 lb	4000 kg	8818 lb

FLUIDIZED BED PREEXPANDER				
	PX 8000		PX 9000	
L x W x H	8620 x 2675 x 5550 mm	28'40" x 8'10" x 18'30"	8800 x 3000 x 5200 mm	29' x 9'10" x 17'
12g/l (0.75 lb/ft³)	1045 kg/h	2300 lb/h	1500 kg/h	3300 lb/h
15g/l (0.94 lb/ft³)	1280 kg/h	2820 lb/h	1900 kg/h	4180 lb/h
18g/l (1.12 lb/ft³)	1500 kg/h	3300 lb/h	2250 kg/h	4950 lb/h
25g/l (1.56 lb/ft³)	1800 kg/h	3960 lb/h	2740 kg/h	6030 lb/h
Second expansion unit 8g/l	~500 kg/h		~750 kg/h	
Electrical connection value	45 kW		49 kW	
Net weight	6000 kg	13227,74 lb	6800 kg	15000 lb

	PX 14000		PX 18000	
L x W x H	10000 x 3100 x 5400 mm	32'10" x 10'2" x 17'9"	11200 x 3100 x 6000 mm	36'9" x 10'2" x 20'
12g/l (0.75 lb/ft³)	2270 kg/h	5000 lb/h	2920 kg/h	6430 lb/h
15g/l (0.94 lb/ft³)	2800 kg/h	6160 lb/h	3600 kg/h	7920 lb/h
18g/l (1.12 lb/ft³)	3320 kg/h	7310 lb/h	4230 kg/h	9300 lb/h
20g/l (1.25 lb/ft³)			4700 kg/h	10340 lb/h
25g/l (1.56 lb/ft³)	40 kg/h	8860 lb/h		
Second expansion unit 8g/l	~1100-1300 kg/h		~1500 kg/h	
Electrical connection value	53 kW		62 kW	
Net weight	7200 kg	15870 lb	8500 kg	18750 lb

VACUUM PREEXPANDER				
	PX 6000		PX 6000 XXL	
L x W x H	2000 x 2000 x 4800 mm	6'7" x 6'7" x 15'9"	2200 x 2200 x 5550 mm	7'4" x 7'4" x 18'4"
12g/l (0.75 lb/ft³)	280 kg/h	620 lb/h	660 kg/h	1460 lb/h
18g/l (1.12 lb/ft³)	420 kg/h	930 lb/h	960 kg/h	2120 lb/h
25g/l (1.56 lb/ft³)	500 kg/h	1100 lb/h	1160 kg/h	2560 lb/h
32g/l (2.00 lb/ft³)	530 kg/h	1170 lb/h	1250 kg/h	2750 lb/h
Second expansion unit 8g/l	~150 kg/h		~320 kg/h	
Steam consumption (depending on density)			0,1-0,15 kg/kg EPS	
Electrical connection value	19 kW		27 kW	
Net weight	2900 kg	6390 lb	5000 kg	9260 lb

HIGH PRESSURE PREEXPANDER			
	ED 2 HP	ED 4 HP	ED 6 HP
Capacity at density			
15g/l	120-150 kg/h	270-400 kg/h	500-725 kg/h
20g/l	150-185 kg/h	425-550 kg/h	800-1000 kg/h
25g/l	185-250 kg/h	530-700 kg/h	1000-1275 kg/h
Second expansion unit 8-9g/l	Not available	Not available	Not available
Steam consumption (depending on density)	35-55 kg/h	80-120 kg/h	150-250 kg/h
Electrical connection value	6,5 kW	13 kW	20 kW
Net weight	1000 kg	3900 kg	4700 kg

OPTIONS FLUIDIZED BED & VACUUM

- Density weighing system
- High density unit
- Multipass unit
- Pressure reduction valve
- Heating device
- Electronic regulator for heating device
- Raw material hopper in different sizes
- Raw material hopper for tilting unit
- Tilting unit
- Raw material feeding by vacuum
- 2nd screw conveyor
- Data transformation tool
- Energy consumption module
- Vacuum cleaner for fluidized bed
- Color mixing unit
- Central greasing device
- AC for electrical cabinet
- Raw material conditioner

OPTIONS HIGH PRESSURE

- High density control unit
- Automatic bulk density control
- Filling control module
- Operator platform
- Access ladder with platform
- Media center
- Air conditioning unit for control cabinet
- Pre pressure reducer 2 - 5 bar
- Density weighing system
- EPS raw material dosing unit
- EPS raw material vacuum conveying system
- EPS raw material conveying screw
- EPP raw material dosing unit volumetric
- EPP raw material dosing unit gravimetric