



BATCH TYPE PRE-EXPANDERS



PRE-EXPANDER TYPE ASM-B Features and Advantages

- CE Certification,
- AISI 304 stainless steel, expansion chamber.
- Agitator, speed control via drive. (Allenbradley-USA)
- Fluidized bed dryer, inside floor parts made of AISI 304 stainless steel
- PLC Automation System (Siemens-Germany)
- Color Touch Screen Panel size 12" (Siemens Germany)
- Recepte Menu 99 pcs
- Pressure Sensor-Temperature Sensor (Jumo-Germany)
- Proportional Steam Control Valve (Gemu-Germany)
- Proportional Exhaust Control Valve (Gemu-Germany)
- SSWW bottom for fast cycle and less steam consumption (made in Belgium)
- Pneumatic Control Valves (Festo-Germany)
- Internet Service Module (Siemens-Germany) - optional
- Homogenous density distribution
- Automatic Density Control System with adjustment control - optional
- Steam Ventilation Hood
- The unit is equipped with a steam-air heat exchanger inside, dryer
- Material Transport unit, has a rotary valve system

Batch Pre-Expander Type	ASM-B 900	ASM-B 2250	ASM-B 4500	ASM-BV 900	ASM-B 150
Capacity kg/h at 15g/l density	206,40 kg/hour	648 kg/hour	1344 kg/hour	206,40 kg/hour	187,50 kg/hour



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ASM-B 150 SMALL SCALE BATCH TYPE PRE-EXPANDER

- Working Pressure: max. 0,45 bar
- Chamber volume:150 lt
- Chamber material stainless steel - dryer stainless steel
- Dosaging - automatically with precision scales
- Scaling 1000/1(material feeding max 3,5 kg for 150 lt)
- Steaming and exhaust adjustment with proportional PVD valves
- Installed power : 8,4 kw
- Color : RAL 5012
- Capacity in kg/cycle: For 150 lt expansion level ;3.75 kg / per cycle and cycle time 70 sec.
- Means Hourly capacity 50 cycle x 3.75 kg =187,5 kg
- Consumption of steam (kg) per/cycle 1.8-2 kg steam per cycle
- Consumption of electricity kW per/cycle 8 Kw /hour -0.16 Kw /cycle
- Consumption of compressed air m³ per/cycle 100 -125 lt/cycle
- Density tolerance 1.5 -2%



ASM-BV 900 VACUM TYPE BATCH PRE-EXPANDER

- Chamber Diameter:900 mm
- Chamber Volume:0.6 m³
- Vacuum vessel:0,6 m³
- Vacuum pump: 7,5 kW
- Raw material with suction blower: 5,5 kW
- Raw material suction vessel stainless steel with ATEX sensor
- Raw material bunker
- Sensor ATEX type1 pc.level sensor ATEX type
- Production Capacity:
 - 15 kg/m³ -(*)17/24 m³/ hour approx. 200-280 kg/hour
 - 20 kg/m³ -(*)25/32 m³/ hour approx. 500-480 kg/hour
- (*)Mentioned values are average capacities, which is reachable with proper quality and the right type of the raw materials.For low density production, it is necessary to use the suitable raw material only. Air consumption:±130 litre/min
- Max.air consumption on safety mode:±1.200 litre/min

