



hetech dryfoam

DRY PREEXPANDER				
		EC 2 S HT	EC 4 S	EC 4 S HT
Max. capacity at density (pre-expansion)				
Compact granules, containing organic blowing agents	EPS (100-500 g/l)	40-65 kg/h	125-200 kg/h	125-200 kg/h
	EPS (50-100 g/l)	25-40 kg/h	75-125 kg/h	75-125 kg/h
	EPS (30-50 g/l)	10-25 kg/h	25-75 kg/h	25-75 kg/h
Compact granules, saturated with CO ₂ ('DryBead' compact)	EPS w/o. pentane (25-120 g/l)	5-30 kg/h	15-90 kg/h	15-90 kg/h
	EPC test grade (60-300 g/l)	5-15 kg/h	-	10-50 kg/h
	EPBT test grade (90-300 g/l)	5-25 kg/h	-	15-75 kg/h
Max. capacity at density (post-expansion)				
Air-pressurized particle foam beads ('DryBead' porous)	EPP (8-30 g/l)	10-25 kg/h	25-75 kg/h	25-75 kg/h
	EPA (150-200 g/l)	7,5-20 kg/h	-	15-40 kg/h
	EPA (75-150 g/l)	5-10 kg/h	-	10-30 kg/h
Consumption				
Electrical energy		0,1-0,8 kWh/kg (depending on target bulk density)		
Water/steam		(fully-dry, IR-based expansion process)		
Machine data (w/o. options)				
Electrical power		20 kW	25 kW	35 kW
Net weight		600 kg	900 kg	900 kg
Dimensions: L x W x H (w/o. electrical cabinet and HMI panel)		4600 x 900 x 2000 mm	6250 x 900 x 2000 mm	

DRY PREEXPANDER			
		EC 6 S	EC 8 S
Max. capacity at density (pre-expansion)			
Compact granules, containing organic blowing agents	EPS (100-500 g/l)	175-300 kg/h	250-400 kg/h
	EPS (50-100 g/l)	100-175 kg/h	150-250 kg/h
	EPS (30-50 g/l)	35-100 kg/h	50-150 kg/h
Compact granules, saturated with CO ₂ ('DryBead' compact)	EPS w/o. pentane (25-120 g/l)	20-125 kg/h	30-180 kg/h
	EPC test grade (60-300 g/l)	-	-
	EPBT test grade (90-300 g/l)	-	-
Max. capacity at density (post-expansion)			
Air-pressurized particle foam beads ('DryBead' porous)	EPP (8-30 g/l)	35-100 kg/h	50-150 kg/h
	EPA (150-200 g/l)	25-60 kg/h	30-80 kg/h
	EPA (75-150 g/l)	15-45 kg/h	20-60 kg/h
Consumption			
Electrical energy		0,1-0,8 kWh / kg (depending on target bulk density)	
Water/steam		(fully-dry, IR-based expansion process)	
Machine data (w/o. options)			
Electrical power		35 kW	45 kW
Net weight		1200 kg	1500 kg
Dimensions: L x W x H (w/o. electrical cabinet and HMI panel)		7900 x 900 x 2000 mm	9550 x 900 x 2000 mm

OPTIONS DRYFOAM

- IR-emitters with two foil circles
- IR-emitters with three foil circles
- EPP transport: Conveyor/pressure release system for preloaded foam beads
- EPS transport: Conveyor/storage container for compact granules (with or without blowing agent)
- Pentane suction w/o. sensor technology
- Automatic bulk density measurement (autonomous with display)
- Automatic bulk density control (integrated into machine control)