

SCREW DOSING UNITS - SERIES CDS

HIGH-ACCURACY DOSING OF MASTERBATCH, ADDITIVES AND REGRIND



DESCRIPTION

All stainless steel construction with dosing auger / tube and separate microprocessor controls. A variety of neckpieces is available for mounting the unit at the throat of the machine. The in-built slide provides very easy calibration in situ and a hopper drain out flap enables fast cleandown for material change. The auger is driven by a highprecision stepper-motor. The controls provide variable-speed setting and include a timer and a calibration function. Due to the nature of the stepper motor, the auger speed can be varied from 10% to 100% thus providing a wide range of dosing rates without the need to change the auger size.

TECHNICAL DATA

	CDS1/V1	CDS1/V2	CDS2/V1	CDS2/V2
Voltage - AC 50/60 Hz	230v			
Input Voltage - DC (Extrusion)	1 to 10 vdc			
Capacity - grams per sec. Granules @ 0.8 kg/litre	0.1 - 10	0.1 - 50	7-50	7 -120
Number of recipes stored	50	50	50	50
Hopper Capacity - litres	7	12	40	70
Weight - Kg	18	20	28	30

Special Neckpieces, Material Hoppers and mounting arrangements are available

OPERATION

Injection Moulding

Upon receiving a screw-back signal from the machine, the auger will rotate at the set speed and the material will be dosed into the neckpiece where it blends with the virgin material. The auger runs for the duration of the screw-back period or for the time set on the timer.

Extrusion and Blow Moulding

The unit will run continuously at the speed set on the controls. The screw-speed follower function coordinates the speed of the dosing unit to the extruder speed.

! Jenco also offers a wide range of Hopper Loaders, Gravimetric Blenders, Single and Twin Desiccant Cartridge Dehumidifying Dryers, Crystallisers, Drying Hoppers up to 10,000 litre capacity and Complete Central Systems