

NORMAN BROWN 80 - 50

LOADERS



NORMAN BROWN 80

Hydraulically operated and fully automatic feeder, assuring maximum precision, rapidity and efficiency, with almost complete elimination of machining cycle idle times. In fact, if the tubes, placed in the feeder basket, are set obliquely or get entangled, the lifting belts and the conveying chains automatically invert their movement until the tubes are set in good order. This operation does not interrupt the tube end reducing cycles as the conveying chains preload in the chute tank a given number of tubes which, by falling one at a time on the support forks, are locked by the thrusting unit collet, introduced in the machine, then drawn out and deposited in the tank.



specifications

Max. tube diameter	80 mm	Motor cylinder max. thrust	25000 N
Min. tube diameter	12 mm	Max. advance speed	8,5 m/min
Maximum tube length	2000 mm	Hydraulic unit capacity	70 L
Minimum tube length	400 mm	Installed power	4,13 kw
Bunker loading capacity	1000 kg	Dimensions (L x W x H)	2150x4000x1650 mm
Max. pressure of hydraulic system	65 bar	Weight (w/out oil and tools)	600 Kg

NORMAN BROWN 50

Pneumatically operated automatic feeder (except for the initial loading of tubes in the suitable container all other operations take place automatically). Microvalve controls assure tube feeding. The tube bundle, placed in tank, is aligned by two chains which set in position one tube at a time on two cylinders regulated according to the tube diameter. The download rotation of the cylinder, allows the tube to fall on the centering forks. The tube is then locked in the clamping unit, introduced in the tube reducing unit and, after machining, is dropped in the collecting tank. NORMAN BROWN 50, can feed tubes ranging from 200 mm up to 1000 mm of length.



specifications

Cycles per hour	250 ÷ 300	Max. pressure of pneumatic system	6 bar
Max. tube diameter	50 mm	Motor cylinder max. thrust	5600 N
Min. tube diameter	12 mm	Max. advance speed	20 m/min
Maximum tube length	2000 mm	Air consumption a 6 bar	400 L/min
Minimum tube length	300 mm	Dimensions (L x W x H)	1250x3600x1750 mm
Loading capacity Ø 50 mm tubes	1000 kg	Weight (w/out oil and tools)	600 Kg