

Pos.: 00-10

T&T Robotised Slug-stacking Device

Technical Data:

Type of robot	ABB - IRB 4600	
Slug length, max.	mm	500
Slug diameter, max. / min.	mm	160 / 90
Mouth pieces	pcs	1 - 2
Capacity per shift	metric tons	8
Capacity annual	metric tons	2000
Slug weight per pallet, max.	metric tons	1
Unmanned operation time, min.	h	1
Programs for stacking patterns, max.	quantity	100



During the shift the device is controlled by the operator of the slug production

The currently available working model consists of a robot with suction mould(s), a roller conveyor belt with one pallet in loading position in the middle between two loaded and two empty pallets. The robot is situated towards the end and between both of the slug conveyor belts coming from de-airing pug mills. Always of one of each of the belts the robot will take off with its sucking device the slugs cut to size by a cutting machine to put them to the corresponding place on the pallet defined by the program. During loading of the last pallet of the row in filling position two new empty pallets can be inserted on one side and both loaded pallets removed from the other.

