



Step Feeder STS | Cost-effective and reliable with improved features

The new generation of RNA step feeders STS series are now available in 2 different sizes with improved features. For each size, a stationary hopper is integrated, with a low filling height allowing manual filling. Band hoppers are available for larger quantities of parts. Hopper volume, the maximum filling weight, the numbers of steps and the step depth are configurable.

- Improved construction & function
- Metered feeding with 4 and 6 steps
- Available to 2 sizes (Step width 220 and 320)
- Quiet operation
- Low maintenance
- Vibration free feeding
- Low load height
- Reduces the possibility of damage to parts being handled

Overview

As a basic device in the feeding of parts, the step feeder is built so that the associated stationary hopper can be filled by hand with its low filling height. The size of the hopper can be adjusted, depending upon the application and component parts. The parts are conveyed upwards by means of counter-rotating lifting plates from the hopper bin and thus reach the desired transfer height without further conveyor technology. Due to the transport upwards and the shape of the lifting plates, pre-sorting of the parts already takes place.

The step feeder STS works with quiet and vibration-free operation. With a range of linear sorting integrated with the STS series, RNA offers a powerful overall concept for certain specific tasks where a traditional feeding systems may not be appropriate. And high output rates even for parts with the smallest features for orientation can be handled by the step feeder STS.

Technical Data

Type	STS 220-4	STS 220-6	STS 320-4	STS 320-6
E = filling +/-50 (mm)	870	905	870	905
A = discharge height +/-50 (mm)	955	1250	945	1240
GH = total height +/-50 (mm)	1230	1480	1230	1480
GB = overall width	600	600	700	700
GT = total depth	860	1000	900	1035
B = base width	500	500	600	600
T = base depth	630	700	670	740
SB = tread width	218	218	318	318
ST = tread depth	15/20/25/30	15/20/25/30	20/25/30/35	20/25/30/35
Number of steps	4	6	4	6
Footprint GB x GT	600 x 860	600 x 1000	700 x 900	700 x 1035
Strokes per minute	10 bis 45	10 bis 45	10 bis 45	10 bis 45
Hopper volume (Litre)	20/30	20/30	30/40	30/40
Max. filling (kg)	40	40	60	60

