



The new STS Step Feeder / cost-effective and reliable with improved features!

- Improved construction & function
- With four and six steps
- Easy to service
- Available in two sizes

We have completely revised our step feeder program. The new generation of RNA step feeders of the STS series are available in 2 different sizes. For each size, a stationary hopper is integrated, whose low filling height allows manual filling. For larger quantities of workpieces, we supply upstream vibration or belt hoppers of any size. Both hopper volume and thus also the maximum filling weight, the number of steps and the step depth can be selected for each size. We offer our customers complete solutions, but also supply all components for own design and the integration of sorting equipment.

General features and function:

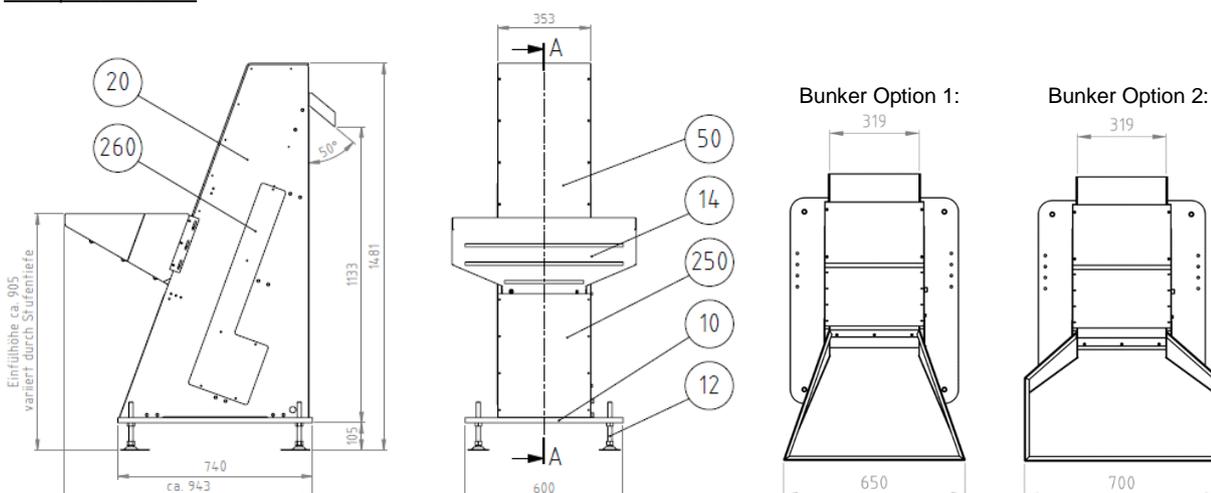
As a basic device in feeding workpieces, the step feeder is built in a way that the associated stationary hopper can be filled by hand due to its low filling height. The size of the hopper can be adjusted according to the workpieces. The workpieces are conveyed upwards by means of counter-rotating lifting plates from the hopper sump 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 workpieces already takes place. In addition, the lifting plates can be provided with clamp protection if required.

The step feeder works without workpieces virtually noiselessly and vibration-free. With a program of linear sorting adjusted to the STS series, RNA offers a powerful overall concept for specific tasks of feeding systems technology from linear feeders to conveyor belts. High output rates even with the smallest sorting features characterize this program.

Technical specifications:

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 (liter)	20/30	20/30	30/40	30/40
max. filling (kg)	40	40	60	60

Example STS 320-6:



For further technical information about the STS please call 0241/5109-260.



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