

# Questionnaire for an automatic booking system

Description	Example data	Customer data
Raw material	Green treads for tires	..... .....
Do you require a belt tray or vacuum system? Extrusion speed	belt tray/vacuum max. 40 m/min	..... .....
this value depends on the material used, the diameter of the injection head and possible mass flow.		
Has the tread to be turned? Length of tread	yes/no 1.800 – 2.300 mm	..... .....
The size depending on the final product will be stipulated by the customer.		
Tread width	140-310 mm	.....
Tread thickness	6-17 mm	.....
Weight	max. 15 kg	.....
Shortest tread sequent when working shortest tread lengths	2,4 sec.	.....
Cycle time of feeding head	7 sec.	.....
This time is independent of the tread numbers per batch.		
Size of batch/tread	2,3,4/Charge	.....
Caning tie of leaf truck	10 sec	.....
Leaf truck length	2.800 mm	.....
Leaf truck width	1.070 mm	.....
Height of first leaf	350 mm	.....
Height of last leaf	1.520 mm	.....
Number of leaves	29 pcs.	.....
Height of side	ca. 40 mm	.....
length of side	2.500 mm	.....
Depth of side	870 mm	.....
Total height of leaf truck	2.270 mm	.....
Temperature on the treads' surface	35 °C	.....
Max. weight of loaded leaf truck	2.000 kg	.....
Weight of unloaded leaf truck	1.100 kg	.....
<u>Quality/dimension tolerance of leaf trucks:</u>		
- dimension tolerance of base frame	± 10 mm	.....
- dimension tolerance of side	± 5 mm	.....
- aperture angle of side	56 °	.....
- tolerance of angle	± 2°	.....
- all leaves must be installed;		
- the leaves must not be twisted;		
- all springs must be installed and must not be over expanded;		
- when one leaf is tilted down further leaves must not follow;		
- to gain this the retention force of the springs must be sufficient;		
- all leaf hinges must be running well and allow a smooth flapping down.		