

DRYER BASE, OUTLET HOPPER AND LEGS

A Cimbria dryer base consists of a volumetric discharge, outlet hopper and legs.

The height of the dryer base and thereby the height of the legs depends on the type of outlet and transport system from the dryer.

Hopper

The dryer is equipped with a standard outlet hopper (see measurements from table 2 and figure 1). This outlet hopper is supplied with an inspection hatch and a flange compatible with Cimbria accessories.

The accessory programme includes additional outlet hoppers for our Q-programme and transition pieces for side inlets for Cimbria chain conveyors. See table 1 for types.

Figure 1 shows a dryer base with additional hopper for our Q-programme. In table 2 measurements of the dryer base and free height below hopper is stated.

Height of dryer base

Standard height of the dryer base of a Cimbria dryer 2220 mm. An extra outlet hopper for the Q-programme necessitates a dryer base with a height of 2220 mm.

Material

The standard outlet hopper is manufactured from 3 mm galvanised steel. Surface painted green RAL 6005. Additional outlet hoppers are manufactured from 3 mm galvanised steel plates. All hoppers are assembled with bolts.

Legs for the dryer are manufactured from 5 mm steel. Surface painted green RAL 6005.

Table 1: Additional outlet hopper

Outlet for	A-dryer	B-dryer
Q-programme	Q-24	Q-20
Side inlet for chain conveyor	RL 5 - 8	RL 3 - 5

Table 2: Measurements for figure 1

Referring to figure 1	A-dryer		B-dryer	
A	1 520	2 220	1 520	2 220
B	3 360	3 360	2 160	2 130
C	600	1 300	600	1 300
D	1 980	1 980	990	990
E	-	Q-24	-	Q-20
F at Q-outlet	-	575	-	850
F at RL 3	-	-	460	1 160
F at RL 5	558	1 258	558	1 258
F at RL 7	563	1 263	-	-
F at RL 8	-	1 010	-	-

Figure 1: Dryer base, Standard hopper, Outlet hopper for Q-programme and Dryer legs

