



Textil-
maschinen
made in
Germany

Technical Data COLORMAT C 1600 H.T.

dyeing capacity per batch
(depending on the goods
and quality to be dyed) 80 - 180 kg 176,3 - 396,8 lbs

liquor ratio
(depending on the goods
and quality to be dyed) 1 : 4 - 1 : 12 (with max. load)
(liquor ratio > 1 : 12 with
adapted load)

dyeing temperature max. 142 °C
max. vessel pressure 3,0 bar

inner drum:

drum diameter 1.565 mm 61,6 inch.
drum depth 1.080 mm 42,5 inch.
diameter of door opening 800 mm 31,5 inch.
drum volume 2.080 l 73,4 cu ft
minimum filling level (reg. heating coil) 240 l
filling level at drum centre 1.230 l
filling level at sample flap 1.900 l

outer drum volume 2.360 l

rotational speed:
dyeing: reversible 0 - 70 min⁻¹
centrifuging continuously up to max. 600 min⁻¹
(depending on the goods and quality
to be dyed / EZM cannot state the
achievable residual moisture)

installed capacity:
three-phase servomotor 35,4 kW

fusing for 230 / 400 V 100 A

connections:
steam R 1 ½" 1 ½ inch.
cooling water indirect R 1 ½" 1 ½ inch.
condensate R 1 ½" 1 ½ inch.
water inlet 3 x R 1 ½" 3 x 1 ½ inch.
water drain DN 100 4 inch.
compressed air R ½" ½ inch.

dimensions:
width 3.000 mm
depth 2.400 mm
height 2.700 mm
weight 6.000 kg