

2 Specifications

2.1 Introduction

This chapter contains the technical specifications of the headbox.

All maximum values stated in these instructions are limiting values. These values are the basis for the design layout and strength calculation of the components, but not assured properties in the legal sense.

Non-observance of the stated limiting values during operation of the machine is liable to endanger personnel and components and excludes liability on the part of Voith Sulzer for any damage resulting from this.

2.2 Order data

Table 2 – 1

Codeword	Fitchburg PM5
Headbox	Nr. 2217
Size	K-4
Machine type	Rolljet K
Pond width	2286 mm 90"
Drawing No.	1.36-29800
WOS No.	141 048
Year of construction	1998

2.3 Layout data

Table 2 – 2

Hydraulic layout	l/min (gpm)
Total flow	2496 – 5706 = (659 – 1507) (through the lip)
at 140 – 305 m/min operating speed	460 – 1000 gpm
Mechanical layout for $v_K = 350$ m/min	
Products	Decorative papers 50–180 g/m ²

2.4 Name and address of the manufacturer

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