





























Video :-

Please click here for video no. 1	
Please click here for video no. 2	
Please click here for video no. 3	

Category	:-	Pressure Die Casting Machines (PDC)	Serial No	:-	102623349
Model	:-	H 800B version 6	Country	:-	Switzerland
Make	:-	Buhler	Type of Machine	:-	Horizontal Cold Chamber Pressure Die Casting Machine
Year	:-	1996	Weight	:-	0.0
Dimensions	:-		Power	:-	
Location	:-	Mumbai Warehouse, India	Asking Price	:-	On Request

Specification :-

**The platen size of Buhler 800B version 6 is bigger than usual.**

**Accessories : Dosing Furnace**

**( You don't need ladle with this furnace) , Kawasaki Robot and Wollin**

**YOM 1996 and actual went in production in 1998**

**TECHNICAL DATA:**

**Locking Force (Strain Gauge Tested) kn 9200**

**Injection Force, Consolidation Phase (Adjustable) kn 650-265 1)**

**Plunger Stroke mm 580**

**Injection Positions (Standard) mm 0, -50, -300, -350**  
**Ejection force kn 340**  
**Ejector stroke (adjustable) mm 175**  
**Dimensions of fixed die platen (H X V ) mm 1410 x 1590**  
**Dimensions of moving die platen (H X V ) mm 1410 x 1410**  
**Space between tie bars mm 900 x 900**  
**Tie bar diameter mm 180**  
**Min. die height mm 330**  
**Max. die height mm 1050**  
**Stroke of moving platen mm 900**  
**Free cycles per hour n/h 300**  
**Rated installed capacity kw 55**  
**Machine area L X W (incl. safety gates) m 9082 x 3.52**  
**Machine height m 3.3**  
**Machine weight, ready for production kg 40900 ca.**  
**Dimensions of the control cabinet L X W X H (IC) m 1.4 x.4x 1.65**  
**1) Accessory Equipment: (DATACESS) m 1.2 x .5 x 1.805**  
**Injection force, consolidation phase (adjustable) kN 800 - 265**

**PRODUCTION DATE (Standard injection unit)**

**PLUNG**

<b>ER DIAMET ERS</b>	<b>MM</b>	<b>70</b>	<b>80</b>	<b>90</b>	<b>100</b>	<b>110</b>	<b>120</b>	<b>130</b>	<b>140</b>
<b>Theoret ical shoot volume( DIN 24480)</b>	<b>cm3</b>	<b>1488</b>	<b>1944</b>	<b>2460</b>	<b>3037</b>	<b>3674</b>	<b>4373</b>	<b>5132</b>	<b>5952</b>
<b>Max. shot weight fro A1*</b>	<b>kg</b>	<b>4.2</b>	<b>5.5</b>	<b>6.9</b>	<b>8.5</b>	<b>10.3</b>	<b>12.3</b>	<b>14.4</b>	<b>16.7</b>

<b>Max. specific casting bar pressur e</b>		<b>1690</b>	<b>1293</b>	<b>1021</b>	<b>828</b>	<b>648</b>	<b>574</b>	<b>489</b>	<b>422</b>
<b>Max. projectt ed area ** at max. cm2</b>		<b>544</b>	<b>711</b>	<b>901</b>	<b>1111</b>	<b>1419</b>	<b>1602</b>	<b>1881</b>	<b>2180</b>
<b>specific casting pressur e</b>									

**\*The max. shot weight is calculated :**

**Plunger stroke x plunger area x 0.75 x density**

**Density for aluminium (A1) =2.5 g/cm<sup>3</sup>**

**(Multiply by 0.65 for magnesium alloys, by 2.5 for zinc alloys and by 3.2 for copper base alloys)**

**\*\*Max. theoretical projected area on max .specific injection pressure, without consideration of core locking and dynamic part of injection process.**

Description :--