KUNARK HITECH MACHINING & SALES PVT.LTD.

Kunark House, 269, Kunark Marg, Kaman Bhiwandi Road, Kaman,
Vasai Road (East),Dist: Thane -401208, Maharashtra,India.
Mobile:(+91) 9867973046 Factory:0250-6454895
Email: info@jkgears.com,dalbirbright@gmail.com website: www.jkgears.com

Machine Id	***:-***	***1378***	**Serial No**	**:-**	**102623349**
Category	**:-**	**Pressure Die Casting Machines (PDC)**	**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**

Specification :-

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

Accessories : Dosing Furnace

(You don’t needle ladle with this furnace) , Kawasaki Robot and Wollin

YOM 1996 and actual went in production in 1998

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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) AccessoryEequipment: (DATACESS) m 1.2 x .5 x 1.805
Injection force, consolidation phase (adjustable) kN 800 - 265

PRODUCTION DATE (Standard injection unit)

PLUNGER DIAMETERS	**MM**	**70**	**80**	**90**	**100**	**110**	**120**	**130**	**140**
Theoretical shoot volume(DIN 24480)	**cm3**	**1488**	**1944**	**2460**	**3037**	**3674**	**4373**	**5132**	**5952**
Max. shot weight fro A1*	**kg**	**4.2**	**5.5**	**6.9**	**8.5**	**10.3**	**12.3**	**14.4**	**16.7**

Max. specific casting pressure	**bar**	**1690**	**1293**	**1021**	**828**	**648**	**574**	**489**	**422**
Max. projectted area ** at max. specific casting pressure	**cm2**	**544**	**711**	**901**	**1111**	**1419**	**1602**	**1881**	**2180**

***The max. shot weight is calculated :**
Plunger stroke x plunger area x 0.75 x density
Density for aluminium (A1) =2.5 g/cm3
(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.**