























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) 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

ER DIAMET ERS	MM	70	80	90	100	110	120	130	140
Theoret ical 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 bar pressur e		1690	1293	1021	828	648	574	489	422
Max. projectt ed area ** at max. cm2		544	711	901	1111	1419	1602	1881	2180
specific casting pressur e									

***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.**