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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

ER DIAMET	MM	70	80	90	100	110	120	130	140
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Theoret

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shoot volume(cm3	1488	1944	2460	3037	3674	4373	5132	5952
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**DIN
24480)**

Max.

shot weight	kg	4.2	5.5	6.9	8.5	10.3	12.3	14.4	16.7
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fro A1*

Max. specific casting bar pressure		1690	1293	1021	828	648	574	489	422
Max. projected 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.**

Description :--