IP 1100 SC3.0

THREE PLATENS MACHINE WITH STEEL PLATENS

TECHNICAL DATA

DT000 0019 REV1

1.00	**MACHINE OVERALL DIMENSIONS**		
1.01	Length	mm	10.100
1.02	Width	mm	3.920
1.03	Height	mm	3.540
1.04	MACHINE WEIGHT	kg	55.000
1.05	STANDARD MACHINE COLOUR - GREEN/WITHE	RAL	6011/9010
1.06	STANDARD SAFETY COVERS AND GATES COLOUR - YELLOW	RAL	1007
1.07	NOISE LEVEL IN WORKING CONDITIONS (WITHOUT SHOT)	dB	< 80 (A)
1.08	INLET COOLING WATER. MAX TEMPERATURE REQUIRED	°C	20
1.09	INLET COOLING WATER. MIN/MAX PRESSURE REQUIRED	bar	2÷5
2.00	**DIE CLOSING GROUP**		
2.01	MAX DIE CLOSING FORCE	kN	10.790
2.02	MAX DIE CLOSING FORCE	tonn	1.100
2.03	MAX DIE OPENING FORCE	kN	3.600
2.04	MIN DIE CLOSING FORCE	kN	
2.05	MAX HYDRAULINC CYLINDER DIE OPENING FORCE	kN	250
2.06	MAX MOVING PLATEN STROKE	mm	950
2.07	MIN DIE HEIGHT	mm	425
2.08	MAX DIE HEIGHT	mm	1.040
2.09	PLATENS DIMENSIONS	mm	1500 x 1520
2.10	TIE-BARS DIAMETER	mm	195
2.11	DISTANCE BETWEEN THE TIE-BARS	mm	945 x 945
2.12	MIN DIE SURFACE	mm	740 x 740
2.13	CENTRAL EJECTION FORCE - forward	kN	486
2.14	CENTRAL EJECTION FORCE - backward	kN	486
2.15	CENTRAL EJECTION STROKE	mm	220
3.00	**INJECTION SYSTEM**		
3.01	MAX SHOT WEIGHT FOR ALUMINIUM ALLOYS (in accordance with DIN 24480)	kg	19,0
3.02	MAX PROJECTED AREA (specific pressure 400 bar)	cm^2	2.700
3.03	INJECTION PLUNGER STROKE	mm	740
3.04	INJECTION PLUNGER STROKE OVER THE FIXED PLATEN	mm	290
3.05	INJECTION PLUNGER DIAMETERS	mm	90 ÷ 140
3.06	SHOT-SLEEVE POSITIONS	mm	0-200-400
3.07	DYNAMIC INJECTION FORCE	kN	277
3.08	INJECTION FORCE WITH 0/25 bar BACKPRESSURE	kN	1015/892
3.09	INJECTION PLUNGER BACKWARD FORCE	kN	140
3.10	INJECTION PLUNGER SPEED (without metal)	m/s	9
3.11	MULTIPLICATION TIME *	ms	< 25
3.12	MULTIPLICATION RATIO		3,66
4.00	**HYDRAULIC UNIT**		
4.01	MAX HYDRAULIC FLUID TANK CAPACITY	l	2.100
4.02	LINE PRESSURE	bar	150
4.03	MULTIPLIED PRESSURE (with 0 bar backpressure)	bar	535
4.04	HYDRAULIC PUMP	g/1'	960

5.00	**CONTROL CABINET DIMENSIONS**		
5.01	Length	mm	2.400
5.02	Width	mm	600
5.03	Height	mm	2.000
5.04	CONTROL CABINET STANDARD SAFETY REQUIREMENTS		IP 54
5.05	CONTROL CABINET OUTSIDE COLOUR - GREY	RAL	7035
5.06	CONTROL CABINET INSIDE COLOUR - ORANGE	RAL	2000
5.07	STANDARD CABLE LENGTH BETWEEN MACHINE AND CONTROL CABINET	m	4
6.00	**ELECTRIC EQUIPMENT**		
6.01	VOLTAGE	V	400
6.02	FREQUENCY	Hz	50
6.03	PROTECTION VOLTAGE	V	24 DC
6.04	RELAYS VOLTAGE	V	24 DC
6.05	MACHINE INPUT/OUTPUT VOLTAGE	V	24 DC
6.06	MACHINE INSTALLED POWER	kW	75
6.07	PUMP MOTOR RATING	kW	2 x 30
7.00	**AIR AND WATER CONSUMPTION TABLE**		
7.01	AIR CONSUMPTION (pressure: 5/6 bar)		
7.02	for the injection plunger lubrication	m^3/h	0,24
7.03	COOLING WATER CONSUMPTION		
7.04	for machine fluid	m^3/h	4,50
7.05	for injection plunger	m^3/h	0,30
7.06	for fixed platen	m^3/h	0,50
8.00	**BEWARE!**		
8.01	IN ORDER TO COMPLY WITH THE CE STANDARDS IN FORCE, CUSTOMERS MUST COMPULSORILY PLACE TWO FOOTBOARDS ON BOTH SIDES OF OUR DIECASTING MACHINES		
8.02	height of the footboards from the floor	mm	400

* E' indicato il tempo per raggiungere l'80% della pressione massima moltiplicata misurato con moltiplica impostata su base corsa (non inseriti i programmi di moltiplica con tempo e moltiplica con pressione) e su un ciclo macchina in bianco (senza metallo)