01MACHINERY s.r.l. Via Dante, 49 - 60043 Cerreto D'Esi (AN) ITALIA
Tel. +39 0732 678956 - Fax: +39 0732 670008
info@01machinery.com www.01machinery.com

Scheda Tecnica



Codice: In 7967 KM 160 09

Marca: KRAUSS MAFFEI

Modello: KM 160-1000 CX

Anno: 2009

Tonnellaggio: 160

Passaggio Colonne: 520x520

Diametro della Vite: 60

Volume d'iniezione calcolato: 622

Spessore Min/Max stampo: 300

Interfaccia Robot Euromap 12: Si

Euromap: 160-1000

Corsa piano mobile: 650

Control: MC5

Soffio aria: 1

Descrizione:

Ore lavoro: 38.900 h

Tutti i dati tecnici riportati sono indicativi, possono essere modificati senza preavviso e si riferiscono alle condizioni standard del bene nuovo. Il bene usato potrebbe non avere gli stessi valori del nuovo.

01MACHINERY
First in second hand

01MACHINERY s.r.l. Via Dante, 49 - 60043 Cerreto D'Esi (AN) ITALIA
Tel. +39 0732 678956 - Fax: +39 0732 670008
info@01machinery.com www.01machinery.com

Injection molding machine		KM 160 CX						
Clamping unit								
Clamping force	[kN]	1600						
Max. mold opening force	[kN]	86.4						
Movement force, open/close movable platen	[kN]	44.8/37.8						
Clamping platen (h x v)	[mm]	820 x 845						
Clear width (h x v)	[mm]	520 x 520						
Mold opening stroke max.	[mm]	650						
Mold installation height min.	[mm]	300						
Maximum daylight	[mm]	950						
Ejector stroke	[mm]	150						
Ejector force forward/back	[kN]	22.6/9.9						
Injection unit		**SP 750**				**SP 1000**		
Working capacity [1]		743				995		
Screw diameter	[mm]	40	45	50	55	50	55	60
L_g/D ratio		25.2	22.4	20.2	18.3	22.0	20.0	18.3
Injection pressure	[bar]	2500	2336	1892	1564	2304	1904	1600
Swept volume	[cm³]	251	318	393	475	432	523	622
Shot weight, PS	[g]	228	289	358	432	393	476	566
Injection flow	[cm³/s]	113	143	177	214	157	190	226
Screw speed n_{rated}/n_{max}	[rpm]	265/355				195/295		
Plasticizing flow [2] at								
Rated screw speed, PS	[g/s]	23.2	29.3	36.2	43.8	28.6	34.7	41.2
Maximum screw speed, PS	[g/s]	31.0	39.3	48.5	58.7	43.3	52.4	62.3
Nozzle contact force	[kN]	50				82		
Electrohydraulic equipment								
Pump motor rated output	[kW]	22				30		
Installed heating capacity	[kW]	15.62				19.2		
Control zones, barrel heating		5				5		
Dry cycles [3]	[1/h]	1600				1650		
Dry cycle time [3]	[s]	2.3				2.2		
Oil filling	[l]	489				489		
Dimensions and weights								
Net weight with control cabinet [4]	[t]	approx. 6.3				approx. 6.8		
Length x Width x Height	[m]	4.9 x 1.61 x 2.2						
Max. mold weight	[kg]	1862				1862		
Options/clamping unit								
Enlarged min. mold installation height	[mm]	500				500		
Opening width at enlarged min. mold installation height	[mm]	1150				1150		
Reduced min. mold installation height	[mm]	200				200		
Opening width at reduced min. mold installation height	[mm]	850				850		
Equipment with electric screw drive								
Screw drive power	[kW]	28				35		
Screw speed n_{rated}/n_{max}	[rpm]	256/410				256/410		
Plasticizing flow [2] at								
Rated screw speed, PS	[g/s]	22.4	28.3	35.0	42.3	37.6	45.5	54.1
Maximum screw speed, PS	[g/s]	35.8	45.4	56.0	67.8	60.2	72.8	86.6
Equipment with reservoir								
Injection flow with reservoir	[cm³/s]	377	477	589	713	589	713	848
Pump motor rated output (for version with pressure reservoir)	[kW]	30				30		
Integrated linear robot model		**LR 100**						
X-axis (de-molding stroke)	[mm]	550						
Y-axis (vertical stroke)	[mm]	1200						
Z-axis (removal stroke)	[mm]	1500						
Load-bearing capacity	[kg]	10						
X-axis speed	[m/s]	1.5						
Y-axis speed	[m/s]	3						
Z-axis speed	[m/s]	2.3						
Torque of the C-axis (pneumatic)	[Nm]	30						

1) International designation of quantity calculated from max. swept volume [cm³] x max. injection pressure [bar] divided by 1000.
2) Determined according to KM factory standard
3) As per Euromap 6 (cycles per hour)
4) Based on the clamping unit

CX MC5 V10, LR 25.05.05 ENG

Tutti i dati tecnici riportati sono indicativi, possono essere modificati senza preavviso da eventuali aggiornamenti. Le condizioni standard del bene nuovo. Il bene usato potrebbe non avere gli stessi valori del nuovo.

01MACHINERY s.r.l. via Dante 49 60043 Cerreto d'Esi (AN) Italia - Tel +39 0732 678956 - Fax +39 0732 670008 - P.I. 01562600435