

CURTIS®

MASTER LINE

ITEM	UNIT	CML10HS			
Free Air Delivery	CFM	32			
Max Working Pressure	PSI	145			
Compressor voltage	V/Ph/Hz	230/460	3Ph	60Hz	
Dryer voltage	V/Ph/Hz	230	2Ph	60Hz	
Air End Bearings Type		SKF			
Compressor type		Oil Inject screw Compressor			
Cooling type		Air Cooling			
Driven Type		Belt Drive			
Dimensions:	mm	L:1880	W: 750	H: 1750	
Weight	Kg				
Noise	dB	64±2			

COMPRESSOR DATA

Control mode	MAM6070 (Touch Screen, Intelligent Controller) with "CML" logo in the starting window of the controller				
Safety valve set pressure	Mpa	1.17			
Air outlet connection	Size	3/4 NPT			
Air Filter		/			
Filter Separator		GRAVEDAD ≤3PPM MILWAUKEE			
Oil Filter		<=5-10µm MILWAUKEE			
Interconnection lines		Hidraulyc			
Pressure Transmitter		G 1/4			
Temperature Transmitter		G 1/4			
Coupling		SUPER TX, TTRANSVERSAL FIBER			
Air Intake Valve		Aluminum alloy			
Solenoid valve		Aluminum alloy			
Minimum Pressure Valve		Aluminum alloy			
Thermostatic Valve		NA			
Airend		CURTIS MASTER LINE			
Electric control		Y-Δ			
Contactors		SCHNEIDER ELECTRIC/ SIEMENS			
Compressor Motor	Bearings Type	Asynchronous Motor			
	Bearings Type	SKF			
	Speed	rpm	3500 (2 poles)		
	Rate Power	Kw	7.5		
	Service Factor		1.2		
	Protection Type		IP54		
	Insulation Class		F		
	Startup Mode		Y-Δ		
	Duty		Continuous		
	Voltage	V/Hz	230/460/60		
Cooling Fan	Type		Inverter		
	Speed	RPM	1650		
	Voltage	V/Hz	220/460/60		
	Bearings Type	SKF	SKF(12000Hours)		
	Protection Type		IP44		

DRYER DATA

Type	Refrigerative air dryer				
Compressor type	Rotativo				
Control system	Electronic control with antifreeze system				
Max working pressure	4 - 10 Kg/cm2				
Environment temperature	2-42°C				
Working Temperature	-5°C ~ 10°C				
Tipo de Refrigerante:	R134A				
Voltaje:	220V 2PH~ 60Hz				
Dryer Ø outlet	3/4" Female		Dryer Ø Inlet	3/4" Female	
Hot gas bypass regulator	Danfoss				
Thermal expansion valve	Danfoss				
Dehydrator filter	EMERSON				
Exchange radiator	All in one Aluminum alloy MILWAUKEE				

TANK DATA

Type	IRON				
Final use Dryer Ø outlet:	3/4" Female (Dryer)				
Additional port Ø Inlet:	1" Female x 1 (Tank)				
Max working pressure	175PSI				
Drain system	Automatic with manual valve				

NOTE>

- *Factory wired 220V compressor and dryer
- * Hot air extraction upper side
- * Electronic tank drain valve included with breaker
- *Breaker included for Dryer
- *Illustrative pictures
- *Spec may change without notice

The established values may vary according to the conditions and installation (volts, amps)



COMPRESSOR TEST DATA

230V	
Starting current consumption:	65-76A
A @ 145PSI	25-30A
460V	
Starting current consumption:	30-35A
A @ 145PSI	12-16A

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