

CURTIS®

MASTER LINE

ITEM	UNIT	CML20HS			
Free Air Delivery	CFM	74			
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: 810	H: 1890	
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	1" 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	Asinchronous Motor			
	Bearings Type	SKF			
	Speed	rpm	3500 (2 poles)		
	Rate Power	Kw	15		
	Service Factor		1.1		
	Protection Type		IP54		
	Insulation Class		F		
	Startup Mode		Y-Δ		
	Duty		Continuous		
Cooling Fan	Voltage	V/Hz	230/460/60		
	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	Piston				
Control system	Electronic control with antifroze 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 500Lts				
Final use Dryer Ø outlet:	1" Female (Dryer)				
Additional port Ø Inlet:	1" Female x 1 (Tank)				
Max working pressure	175PSI				
Drain system	Autmatic with manual valve				

COMPRESSOR TEST DATA

230V		460V	
Starting current consuption:	100-125A	Starting current consuption:	55-70A
A @ 145PSI	35-47A	A @ 145PSI	20-25A

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)

