



Model	E30, E32, E33, E34	
Construction	Self-standing main enclosure	
Dimensions	600W x 550D x 1200H (mm)	
Number of Controlled Axes	6 axes for E30/E32/E34; 5 axes for E33 (depends on number of axes of arm). 7/8/9 axes (Built-in Addition, Option), Max.16 axes ( External Additional amplifier, option)	
Servo Control & Drive System	Full digital servo system	
Type of Control	Teach mode	Joint, Base, Fixed, Tool operation mode
	Repeat mode	PTP, CP control mode Joint, Linear, Circular Interpolation
Teaching Method	Block Step Programming or AS Language Programming	
Memory Capacity	8 MB (approx. 80,000 steps) inc. Ethernet	
Auxiliary Storage	USB Memory	
External Operation Signals	External Motor Power Off, External Hold, etc	
General Purpose Signals	Input signals	32 channels (Includes Dedicated Signals)
	Output signals	32 channels (Includes Dedicated Signals)
Operation Panel	Basic Operation Switches (Teach/ Repeat SW, Emergency Stop SW, Control Power Lamp)	
Cable Length	Power /Signal Cable	7M
	Teach Pendant Cable	10M
Mass (approx.)	145 Kg	
Power Requirement	AC 440 - 480 V $\pm$ 10%, 60 Hz, 3 Phases Max 4.9kVA(E30), Max 9.9kVA(E32/E33/E34)	
Ambient Temperature	0 - 45° C	
Relative Humidity	35% ~ 85% (No dew, nor frost allowed)	
Ground	Less than 100 ohms (Robot Dedicated Ground) CAUTION: Separate Welder Power Ground (robot dedicated ground) Leakage current (Max. 10mA)	
Color	Kawasaki Standard	
Teach Pendant	Color Display (6.4 inch LCD) with Touch Panel Emergency Stop, Teach Lock and Deadman Switches	
Motor Brake Release	Manual Brake Release Switch	
<b>OPTIONS</b>		
I/O Connector	D-Sub 37 pin (Male, Female) with cover	
Power/Signal Cable	5M, 10M, 15M	
Teach Pendant Cable	5M, 15M	
General Purpose Signals	Input Signals	64, 96, 128 channels
	Output Signals	64, 96, 128 channels
Power Requirement	AC 220 - 220 V, AC 380 - 415 V, AC 440 - 480 V, AC515V, AC575V $\pm$ 10%, 50/60 Hz, 3 Phases, Max 9.9kVA(E30/E32/E33/E34)	
AC Outlet	AC 110-120V Outlet (depends on Primary input Voltage)	
Others	Cooler, Field BUS Communication, Analog input/output, Conveyor Synchronization, Vision, etc.  NOTE: Contact Kawasaki for a complete option list	