

**Yaskawa Drive settings for ShopBot P/N 12541
HSD Spindle 2.2HP 230V 3PH**

Yaskawa Drive CIMR-V7CU22P24 (3 HP)
HSD/SEV Spindle AT/MT 1073-070

Max Spindle Horse Power: 2.2
Rated Input Voltage: 230V 3Φ
Rated Input Current: 15.1A

Parameter	Setting	Parameter Name	Value Description
n001	4	Parameter Selection	
n002	0	Control Method Selection	V/f Control
n003	1	Operation Method Selection	Terminal
n004	1	Reference Selection	Digital Operator
n005	0	Stop Method	Ramp to stop
n006	1	Reverse Prohibit	Reverse Run Disabled
n007	0	STOP key function	STOP always effective
n008	1	Digital Reference selector	Frequency Reference from n024
n009	1	Frequency reference setting method	ENTER key does not have to be pressed to change frequency
n010	1	Operation selection when digital operator is disconnected	Enabled (motor stops and fault displayed)
n011	300	Frequency - Max	Fmax
n012	220	Voltage - Max	Vmax
n013	300	Frequency - Max Voltage Point	Fa
n014	145	Frequency - Midpoint	Fb
n015	107	Voltage - Midpoint	Vc
n016	10	Frequency - Min	Fmin
n017	6	Voltage - Min	Vmin
n019	3	Acceleration Time 1	
n020	3	Deceleration Time 1	
n024	100	Preset Frequency 1	
n035	1180	Digital Operator Display Mode	Display RPM (x 1000)
n036	7.5	Motor Rated Current	
n040	1	Motor Rotation	Rotate Clockwise
n053	4	Multi-function Input Selection 4 (Terminal S4)	External Fault (N.C.)
n054	6	Multi-function Input Selection 5 (Terminal S5)	Multi-step speed ref. cmd. A
n055	7	Multi-function Input Selection 6 (Terminal S6)	Multi-step speed ref. cmd. B
n056	8	Multi-function Input Selection 7 (Terminal S7)	Multi-step speed ref. cmd. C
n153	1	Modbus Slave Address	(1) Spindle #1 or (2) Spindle #2