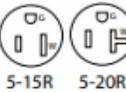
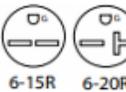
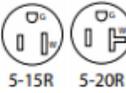
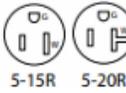
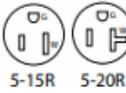
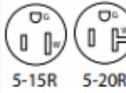
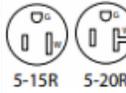
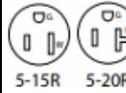




Challenge Machinery Electrical Installation Specifications

	Champ 150	Champ 185	Titan 200BC	Titan 200 Titan 230	Titan 265	Champion 305 Manual & TC	Champion 370TC	iCutter < 61"	iCutter > 61"	CMT 130TC CMT 330TC
<b>Power Requirement</b>	1-Phase, 60Hz, 120 Volt, AC, 12 Amp	1-phase,60Hz, 120 Volt, AC, 14 Amp	1-phase, 60Hz, 120 Volts, AC, 12 Amps	1-phase, 60Hz, 208/230 Volts, AC, 12 Amps	3-phase, 60Hz, 208/230 Volts, AC, 25 Amps	3-phase, 60Hz, 208/230 Volts, AC, 25 Amps	3-phase, 60Hz, 208/230 Volts, AC, 38 Amps	3-phase, 60Hz, 220 Volts, AC, 20 Amps	3-phase, 60Hz, 208/230 Volst, AC, 27.3 Amps	3-phase, 60Hz, 208/230 Volts, AC, 20 Amps
<b>Recommended Service Size</b>	20 Amp	20 Amp	15 Amps	15 Amps	30 Amps	40 Amps	50 Amps	30 Amps	40 Amps	30 Amps/ 40 Amps
<b>Receptacle Type</b>	Nema 5-20R  5-20R	Nema 5-20R  5-20R	Nema 5-15R or 5-20R  5-15R 5-20R	Nema 6-15R or 6-20R  6-15R 6-20R	N/A - Direct wired	N/A - Direct wired	N/A - Direct wired	N/A - Direct wired	N/A - Direct wired	N/A - Direct wired
<b>Plug</b>	Power cord included	Power cord included	Power cord included	Power cord included						
<b>Certifications</b>	UL/cUL & CE		UL/cUL & CE	UL/cUL & CE	UL/cUL & CE	UL/cUL & CE	UL/cUL & CE	CE Listed	CE Listed	UL/cUL & CE

	Handy-Drill	JF Drill	EH-3 Drill	MS-5 Drill	MS-10 Drill	Com- bination Jogger	iJog Air Version	iJog Non-air Version	Handy-Jog	Single Cornering Machine
<b>Power Requirement</b>	1-phase, 60Hz, 120 Volts, AC, 2.7Amps	1-phase, 60Hz, 120 Volts, AC, 5.3 Amps	1-phase, 60Hz, 208/230 Volts, AC, 18 Amps	1-phase, 60Hz, 208/230 Volts, AC, 18 Amps	3-phase, 60Hz, 208/230 Volts, AC, 25 Amps	1-phase, 60Hz, 120 Volts, AC, 5.4 Amps	1-phase, 60Hz, 120 Volts, AC, 12 Amps	1-phase, 60Hz, 120 Volts, AC, 5 Amps	1-phase, 60Hz, 120 Volts, AC, 0.5 Amps	1-phase,60Hz, 120 Volts, AC, 113 Amps
<b>Recommended Service Size</b>	15 Amps	15 Amps	30 Amps	30 Amps	30 Amps	15 Amps	15 Amp	15 Amp	15 Amp	20 Amps
<b>Receptacle Type</b>	Nema 5-15R or 5-20R  5-15R 5-20R	Nema 5-15R or 5-20R  5-15R 5-20R	Nema L6-30R  L6-30R	N/A - Direct wired	N/A - Direct wired	Nema 5-15R or 5-20R  5-15R 5-20R	Nema 5-15R or 5-20R  5-15R 5-20R	Nema 5-15R or 5-20R  5-15R 5-20R	Nema 5-15R or 5-20R  5-15R 5-20R	Nema 5-20R  5-20R
<b>Plug</b>	Power cord included	Power cord included	Power cord included			Power cord included	Power cord included	Power cord included	Power cord included	Power cord included
<b>Certifications</b>			UL/cUL Listed	CE Listed					UL/cUL Listed	CE Listed