



Arcair® Manual Gouging Torch Specifications					
	K3000™	K4000®	K-5	Tri-Arc®	CSK4000
End User Segments	Light Fabrication, Industrial & General Manufacturing, Repair & Maintenance	Industrial & General Fabrication, Structural Steel Fabrication, Large Component, Large Fabricated Objects, Marine & Offshore Structures, Pressure Vessels, Hard Facing	Industrial & General Fabrication, Structural Steel Fabrication, Large Component, Large Fabricated Objects, Marine & Offshore Structures, Pressure Vessels, Hard Facing	Large Component, Large Fabricated Objects, Hard Facing, Foundries	Industrial & General Fabrication, Structural Steel Fabrication, Large Component, Large Fabricated Objects, Marine & Offshore Structures, Pressure Vessels, Hard Facing
Carbon Electrode Range	Pointed / Jointed: 5/32" (4.0 mm) to 3/8" (9.5 mm)	Pointed / Jointed: 5/32" (4.0 mm) to 3/8" (9.5 mm)	Pointed: 5/16" (7.9 mm) to 1/2" (12.7 mm)	Pointed: 5/16" (7.9 mm) to 1/2" (12.7 mm)	Pointed / Jointed: 5/32" (4.0 mm) to 3/8" (9.5 mm)
	Flat: 3/8" (9.5 mm) x 5/32" (4.0 mm)	Flat: 3/8" (9.5 mm) x 5/32" (4.0 mm)	Jointed: 5/16" (7.9 mm) - 5/8" (15.9 mm)	Jointed: 5/16" (7.9 mm) - 1" (25.4 mm)	Flat: 3/8" (9.5 mm) x 5/32" (4.0 mm)
	Flat: 5/8" (15.9 mm) x 3/16" (4.8 mm)	Flat: 5/8" (15.9 mm) x 3/16" (4.8 mm)	Half Round: 5/8" (15.9 mm)		Flat: 5/8" (15.9 mm) x 3/16" (4.8 mm)
		Half Round : 5/8" (15.9 mm)			Half Round : 5/8" (15.9 mm)
Maximum Amperage	600 Amps	1000 Amps	1250 Amps	2200 Amps	1000 Amps
Air Requirement	80 psi (5.6 kg/cm ²)	80 psi (5.6 kg/cm ²)	80 psi (5.6 kg/cm ²)	80 psi (5.6 kg/cm ²)	80 psi (5.6 kg/cm ²)
Flow Rates	22 cfm (624 L/Min)	25 cfm (708 L/Min)	30 cfm (850 L/Min)	33 cfm (934 L/Min)	25 cfm (708 L/Min)
Torch Configuration					
Cable Lengths	7 ft. (2.1 m) & 10 ft. (3 m)	7 ft. (2.1 m) & 10 ft. (3 m)	7 ft. (2.1 m) & 10 ft. (3 m)	7 ft. (2.1 m) & 10 ft. (3 m)	7 ft. (2.1 m) & 10 ft. (3 m)
Power Connection	Conventional (Lug) & Quick Connect Hook-Up	Conventional (Lug) & Quick Connect Hook-Up	Conventional (Lug)	Conventional (Lug)	Conventional (Lug)
Head Assembly Option	Single Head (4-hole)	Single Head (4-hole)	Single Head (4-hole)	Defect Removal	Single Head (4-hole)
				General Purpose	
				Padwashing	



Arcair® SLICE Exothermic Cutting Systems

	Utility	Battery	Industrial	Complete
End User Segments	Maintenance, Farm, Fabrication, Scrap Yards	Maintenance, Farm, Fabrication, Scrap Yards	Maintenance, Farm, Fabrication, Scrap Yards	Fire & Rescue, Forcible Entry
System Contents	Tool Box (Metal)	Tool Box (Metal)	Storage Utility Cart	Aluminum Case
	SLICE Torch Assembly	SLICE Torch Assembly	SLICE Torch Assembly	SLICE Torch Assembly
	SLICE Striker Assembly	SLICE Striker Assembly	SLICE Striker Assembly	SLICE Striker Assembly
	Collet Extension - 6" (12.54 cm) OAL	Battery Box Assembly	Battery Charger	Battery Charger
	Extension Shield	Cutting Rods - 1/4" x 22" (Qty. 25 each)	Cutting Rods - 1/4" x 22" (Qty. 25 each)	Cutting Rods - 1/4" x 22" (Qty. 25 each)
	Clamp - Red	Collet Extension - 6" (12.54cm) OAL	Extension Shield	Extension Shield
	Clamp - Black	Extension Shield	Clamp - Red	Clamp - Red
		Clamp - Red	Clamp - Black	Clamp - Black
		Clamp - Black	Rod Holder	Rod Holder
		Charging Cable Assembly	Outfit Wrench - Hose Nut & Regulator Nut	Outfit Wrench - Hose Nut & Regulator Nut
			Outfit Wrench - Oxygen Hose Nut & Male Adapter	Outfit Wrench - Oxygen Hose Nut & Male Adapter
			12" Rubber Tie Down	Charging Cable Assembly
				Oxygen Regulator
			Oxygen Cylinder 55cu. Ft	
			10" Rubber Tie Down	
Maximum Amperage	Standard Heavy-Duty 12 volt Battery	Standard Heavy-Duty 12 volt Battery	Standard Heavy-Duty 12 volt Battery	Standard Heavy-Duty 12 volt Battery
Battery Box AC Voltage - Option		110VAC- 60hz / 220VAC 50hz	110VAC 60hz	110VAC- 60hz / 220VAC 50hz
Oxygen Requirement	Pressure: 80 psi (5.6 kg/cm2)	Pressure: 80 psi (5.6 kg/cm2)	Pressure: 80 psi (5.6 kg/cm2)	Pressure: 80 psi (5.6 kg/cm2)
Flow Rates	Consumption: 7.5 cfm (212 L/Min)	Consumption: 7.5 cfm (212 L/Min)	Consumption: 7.5 cfm (212 L/Min)	Consumption: 7.5 cfm (212 L/Min)
	Torch & Striker Configuration			
Power Cable Length	10 ft. (3 m)	10 ft. (3 m)	10 ft. (3 m)	10 ft. (3 m)
Striker Cable Length	10 ft. (3 m)	10 ft. (3 m)	10 ft. (3 m)	10 ft. (3 m)
Oxygen Hose Length	10 ft. (3 m)	10 ft. (3 m)	10 ft. (3 m)	10 ft. (3 m)
Power Connection	Color Coded Clamps	Quick-Disconnect	Color Coded Clamps	Quick-Disconnect