



KAT® Rigid Track Carriage

heavy-duty self-aligning wheel assemblies, closed loop tack feed-back for accurate speed control when running in any plane, regardless of load. (Maximum 100 lbs.) (45 kgs). The carriage is controlled by the Gullco low voltage 24 volt GSP microprocessor pulse width modulation motor control, interfacing with the forward/stop/reverse switch and infinitely variable 4-turn speed potentiometer. The LED display is in IPM or cm/min. The motor control can be upgraded to provide auto forward/reverse, limit switches and auto wire feed start.



Rigid Track Idler Carriage

Complete with heavy duty self-aligning wheel assemblies providing 8-3/4" x 14-7/8" (222 mm x 378 mm) flat surface for mounting equipment and can be towed behind a KAT® Travel Carriage. (complete with a towing kit).



Heavy-Duty Rack Box

6" (152.4 mm) long with adjustable nylastic bearing plugs, for 1-1/8" (29 mm) square rack arm.



18" (457.2 mm) long heavy duty 1-1/8" (29 mm) Square Rack Arm

With rack and both ends turned to 1-1/8" (29 mm) diameter.



Rack Box Riser Bracket

Provides an adjustable mounting surface – 2" (50.8 mm), 4" (101.6 mm) or 6" (152.4 mm) above the normal KAT® Carriage Rack Box mounting surface. System complete with mounting screws and can accommodate both rack boxes. Models GK-171-650 heavy duty 1-1/8" (29 mm) and GK-190-650 extra heavy duty 1-1/2" (38 mm).



4-Motion Semi-Automatic Welding Gun Attachment

*Track, magnets, etc., to be selected as required

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SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

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AIRCARC-MATIC N6000 GOUGING SYSTEM



CONTROL PANEL



CONTACTOR

ARCAIR-MATIC N6000 GOUGING SYSTEM	
Description	Part No.
Arcair-Matic N6000 - 120 VAC	65-991-013
Arcair-Matic N6000 - 220 VAC	65-991-014

Note: System includes automatic control panel, contactor unit, torch head, compressed air regulator, pertinent fasteners, clamps, and hardware.

Provides the highest possible level of control, uniformity and productivity

- groove depths maintained to a tolerance of +/- (0.025" (0.635))
- machine like groove obtained
- low heat input into the base material

Powered by either constant current (variable voltage) or constant voltage (variable amperage)

- easily changed within the control panel to work with different power sources
- setting is easily identified on the control face

Remote Control Pendant

- puts instant "start/stop" control of the process in the hand of the operator
- eliminates the need to be close to the main control

Torch Air Stream Orientation Adjustment

- No limitations to the orientation of air stream
- nozzle design reduces air turbulence and improves air flow for greater material removal

Travel Delay Function

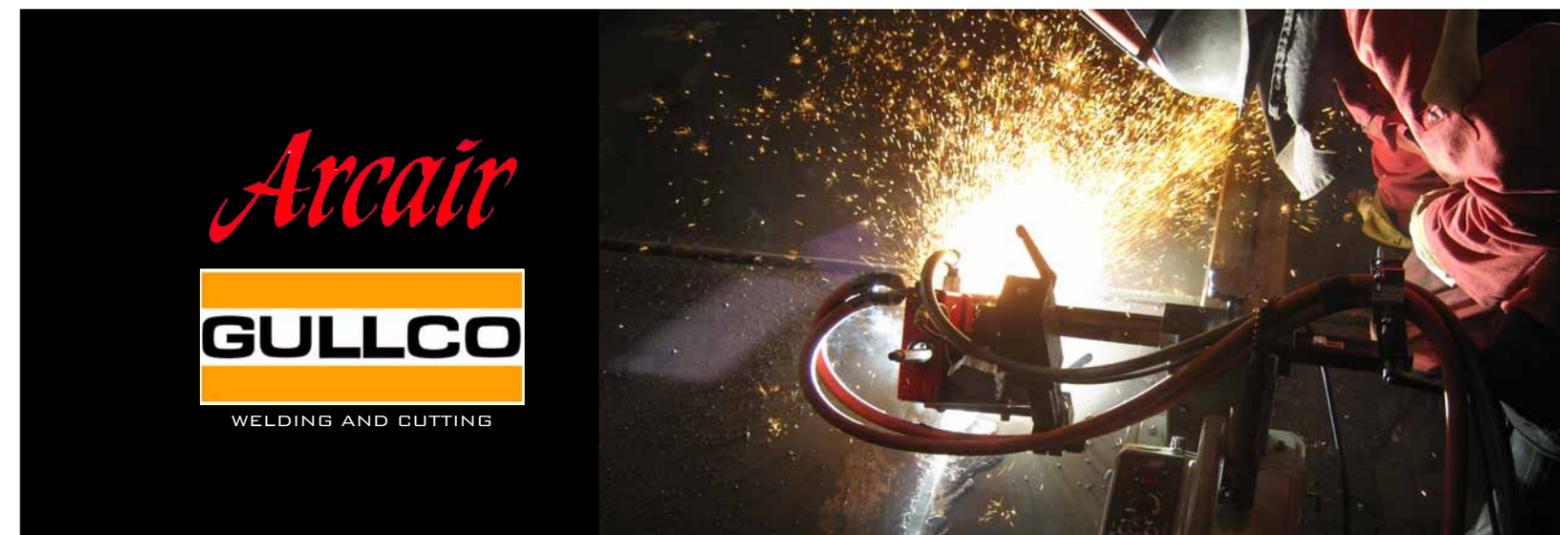
- Ensures gouge depth consistency start to finish

System Protection Shutdown Circuit

- No current detection and low voltage functions trigger automatic shutdown preventing damage to the system

120 VAC 60Hz & 220 VAC 50Hz Models Available

FIVE TIMES THE AMOUNT OF GOUGE - TEN TIMES LESS GRINDING - PRECISE CONTROL





ARCAIR-MATIC N600 GOUGING SYSTEM

AUTOMATIC CONTROL PANEL	
Description	Part No.
Automatic Control Panel - 120 VAC	72-008-014
Automatic Control Panel - 220 VAC	72-008-018

Note: Controller requires appropriate line voltage from the Contactor Unit for instrument and relay control signals.

Specs: Width: 11-5/8" (29.53cm)
 Height: 12" (20.32 cm)
 Depth: 7-1/2" (19.05 cm)
 Weight: 12lbs (5.45 kg)



AUTOMATIC CONTACTOR UNIT	
Description	Part No.
Automatic Contactor Unit - 120 VAC	72-008-019
Automatic Contactor Unit - 220 VAC	72-008-017

The contactor unit contains a single 1,600 amp contactor that supplies current to the torch head of the gouging system

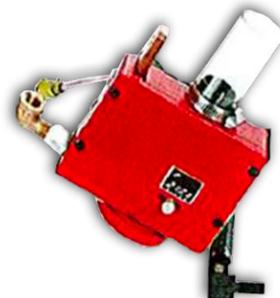
Specs: Width: 13-1/4" (33.66cm)
 Height: 12" (20.32 cm)
 Depth: 10-1/2" (26.67 cm)
 Weight: 35.75lbs (16.23 kg)



AUTOMATIC TORCH HEAD	
Description	Part No.
Automatic Torch Head	05-124-000

Accepts CCDC Jointed Electrodes diameters 5/16", 3/8", 1/2", 5/8" and 3/4"

Specs: Width: 9-1/2" (24.13cm)
 Height: 8-1/2" (21.59 cm)
 Depth: 8-1/2" (21.59 cm)
 Weight: 9.75 lbs (4.42 kg)



CABLE ASSEMBLIES

Other components required to make the Arcair-Matic N6000 system complete are noted below and must be ordered along with the standard package. Different cable assemblies are available to meet the application needs refer to the options available below.

POWER CABLES (Minimum 2 Required)		
Part No.	Description	Application
96-130-254	4ft. (1.22m) Length	Connects the Contactor Unit to the Torch Head supplying DC Weld Current
96-130-256	15ft. (5m) Length	
96-130-300	25ft. (7.62m) Length	



REMOTE PENDANT		
Part No.	Description	Application
96-620-001	10ft. (3m) Length	Allows remote start/stop function of the gouging system
96-620-003	25ft. (7.62m) Length	
96-620-002	50ft. (15.24m) Length	



INTERCONNECT CABLE ASSEMBLY		
Part No.	Description	Application
96-170-049	14" (35.56cm) Length	Connects the Control Panel to the Contactor Unit
96-170-055	30" (76.2cm) Length	
96-170-057	7ft. (2.12m) Length	
96-170-051	15ft. (5m) Length	
96-170-052	25ft. (7.62m) Length	
96-170-053	50ft. (15.24m) Length	
96-170-054	100ft. (30.48m) Length	



MOTOR CABLE ASSEMBLY		
Part No.	Description	Application
96-130-257	3ft. (0.91m) Length	Connects the Torch Head to the Control Panel
96-130-253	12ft. (3.68m) Length	
96-130-303	15ft. (5m) Length	
96-130-282	25ft. (7.62m) Length	
96-130-274	50ft. (15.24m) Length	



AIR HOSE ASSEMBLY		
Part No.	Description	Application
94-396-051	4ft. (1.22m) Length	Supplies compressed air from the Contactor Unit to the Torch Head
94-396-049	15ft. (5m) Length	
94-396-048	25ft. (7.62m) Length	

