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SIEMENS

ABB

pf PEPPERL+FUCHS

WATLOW



Parker
Automation

TOSHIBA

Joslyn Clark *JC*



**EUROTHERM
DRIVES**



M HAMMOND
MANUFACTURING™
W

BALDOR
MOTORS AND DRIVES

ABB

Industrial Controls

ABSOLUTE PROCESS

Signal Conditioners

ALTECH

Terminal Blocks and Enclosures

AUTOMATIC TIMING AND CONTROLS

Timers, Counters and Totalizers

BALDOR

Motors and Drives

BENSHAW

Soft Starters and DC Injection Brakes

BOSTON GEAR

Gear Boxes

DANAHER CONTROLS

Warner Electric, Thompson, Superior Electric and Slo-Syn Motion Products

DALTON ELECTRIC

Industrial Heaters

DELTA-THERM

Heat Trace

DURATHERM

Cartridge Heaters

EDISON FUSE

Fuses and Fuse Gear

ELPRO TECHNOLOGIES

Wireless Systems

ENTRELEC

Terminal Blocks, Electronic Interfaces and Remote I/O

EUROTHERM

Temperature Controllers, Process Control Products

HAMMOND

Industrial Enclosures
Power Transformers

INDOFF

Conveyors and Material Handling

IPS

Modular Framing Systems

JOKAB

Safety Products

JOSYLN CLARK

(SPRINGER CONTROLS)
Industrial Controls
Vacuum Contactors / Starters

KOBOLD

Level, Flow, Pressure and Temperature Sensors

LEESON

Motors, Brake Motors
Gear Motors

MELTRIC

Industrial Connectors

MIKRON

Infrared Imaging Systems

**MOTORTRONICS/
PHASETRONICS**

Soft Starters and Power Controls

MTE CORPORATION

Line Reactors and Filters

NEXEN

Web Tensioning, Guiding, Sensing
Clutches, Brakes and Torque Limiters

PARKER AUTOMATION

(SCHRADER BELLOWS
LINAIR, MILLER, ATLAS)
Pneumatic & Hydraulic Products &
Fittings, Machine Frame Extrusion
Vacuum and Sensors

PEPPERL & FUCHS

(HONEYWELLI, VISOLUX
and MICROSWITCH)
Proximity, Photo, Ultrasonic
Sensors and ID Systems

PAYNE ENGINEERING

Solid State Power Controls

PRECISION DIGITAL

Digital Indicators, Counters
Timers, Process Meters

REX

Custom Transformers

SEW EURODRIVE

Gear Motors and Gear Boxes

SIEMENS

(FURNAS and ITE)
Motors, Automation Products, Drives
Industrial Controls, Motor Control
Centers and Switchgear

SYMCOM

Electronic Motor Protection

SSD/ EUROTHERM

AC/DC Drives and Servos

STOBER DRIVES

Gear Boxes, Gear Motors

TAPESWITCH

Safety Mats and Sensing Edges
Sensing Bumpers

TEMPCO

Cast Heaters

TOSHIBA

AC Motors / Drives, Circuit Breakers
Soft Starters, Flow Meters

WATLOW

Industrial Heaters and Control
Process Controllers and
Temperature Sensors

Integration Specialists Using Your Standardized Controls



Three Axis Stepper Drive System

Multi Axis Stepper and Servo Control Systems
Engineered Drive Systems, AC, DC, or Servo
PLC Control and HMI Interfaces
Power Distribution, Motor Control Centers, and Switchgear
Control Panel Manufacturing
Electrical, Pneumatic, and Hydraulic Systems
Material Handling Systems: Installation, Interface, & Control
Product Training

ARC Voltage Controlled Plasma Cutting Unit

Custom Machine Design and Fabrication
Fixtures and Jigs
Interfacing to CNC and Robotic Equipment
Pneumatic or Mechanical Pick and Place
Vision Inspection



Portable Nitrogen Gas Heater

Heating Equipment
Temperature, Pressure, Flow, Level & pH
Signal Conditioning, Monitoring & Control
Wireless I/O and Data Acquisition
Standard and Paperless Chart Recording
Single or Multiple PID Loop Control
Strain Gage and Weight

Operator Control Building

Licensed Electrical Contractor
E-Houses
Custom Fabricated Enclosures
Machine Guarding
Tube Steel or Extruded Aluminum Machine Frames
Dip Tanks
Pneumatic and Hydraulic Piping
Concrete Construction





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For Our Customers!!

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www.brozelco.com

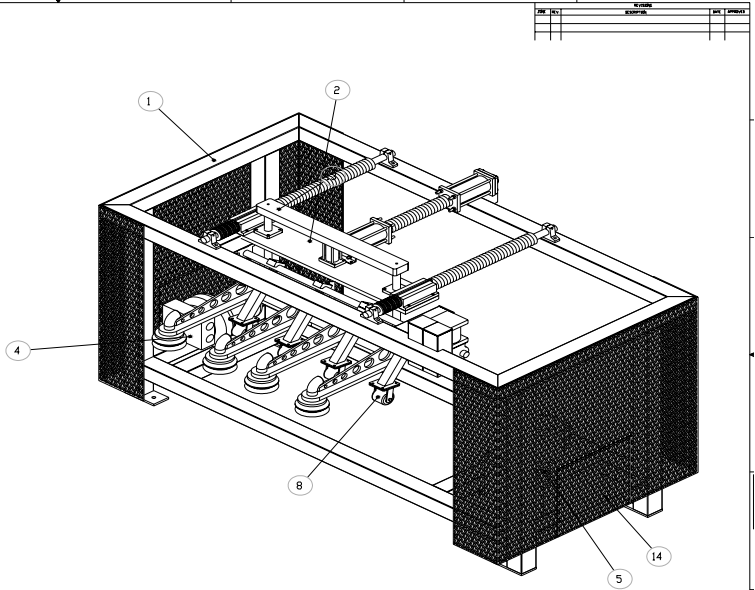
MISSION STATEMENT

Our mission is to provide quality products and service to a varying technical market. Our leadership team is committed to maintaining high ethical standards and integrity in all our business relationships. We desire to become an extension of our customer in their pursuit of excellence in the technical market. Our goal is customer satisfaction.

If it's unique or too tough for the rest: **"COME TO THE B.E.S.T."**
BROZELCO ENGINEERING & SERVICE TEAM

Complete Design and Fabrication of Custom Machines

ITEM NO.	QTY.	PART (FILE) NO.	DESCRIPTION	REFER TO SHEET
1	1	Steel Frame		
10	1	4x4x0.090_gal_tube	FRAME TUBE	
4	1	4x4_inq_spl	FRAME PAD	
1	1	Inq_Plate_Tray	DRIP TRAY	
4	1	End Plate	FRAME END PLATE	
2	1	Heavy_Travel Assy		3
4	1	Thomson_Standard_Support_Block	THOMSON STANDARD SUPPORT BLOCK	3
2	1	Thomson_Linear_Shafing_51	LINEAR SHAFING	3
2	1	Thomson_Ball_Bushing_Pillow_Block	THOMSON PILLOW BLOCK	3
1	1	Heavy_Sliding_Plate	VERTICAL MOTION PLATE	3
2	1	Flap_Screw	SHOULDER HEAD CAP SCREW	3
2	1	Expanded_Bellows	GORTITE	3
2	1	Collapsed_Bellows	GORTITE	3
1	1	Fabco_Air_4x8	FABCO AIR CYLINDER	3
1	1	Fabco_Air_4x8_Extended	FABCO AIR CYLINDER	3
1	1	Cylinder_Mounting_Arm_Short	CYLINDER MOUNT	3
1	1	Fabco_4_clevis	FABCO AIR CYLINDER	3
4	1	nut_1-4	STEEL	3
2	1	Pressure_Equalizing_Tube	1/4" O.D. ALUMINUM TUBE	3
1	1	Steel_1-4-20x10	STEEL	3
2	1	Nut_1-4-20	STEEL	3
1	1	Fabco_Air_25x5	FABCO AIR CYLINDER	3
2	1	Suction_Cup_Assembly_New		6
1	1	Cup_Mounting_Plate_Horizontal		7
4	1	Cup_Mounting_Plate_Vb_Relieved		7
1	1	Cup_Mount_Plate_Vert		7
4	1	PIAB_Cup	PIAB VACUUM CUP	6
4	1	Clevis		6
4	1	Vacuum_Pump	RIETSCHLE VACUUM PUMP	
5	1	Right_Guard	EXPANDED METAL	9
6	1	Left_Guard	EXPANDED METAL	9
7	1	Hydraulic_Plant	AUTODIP POWER UNIT	
8	1	Rock_Rotary Assy_Rotator		
2	1	Thomson_Ball_Bushing_Pillow_Block_Short	THOMSON PILLOW BLKX	
1	1	Thomson_Linear_Shafing_107	LINEAR SHAFING	
1	1	Rotary_Actuator		
4	1	Clevis		
1	1	Clevis_Cap		
1	1	Clevis_Post		
1	1	Clevis_Mount		
1	1	Clevis_Mount_Plate		
1	1	Source_M_Tube		
1	1	Clevis	REFER TO SHEET 9	
6	1	2-B key		
9	2	Thomson_Extended_Support_Block	REFER TO SHEET 5	
10	2	Thomson_Linear_Shafing_24	REFER TO SHEET 5	
11	2	Thomson_Bored_Flange_Bearing	REFER TO SHEET 5	
12	1	Piston_Extension	REFER TO SHEET 7	
13	1	Tip_Plate		
14	2	Guard Door		



BROZELCO, INCORPORATED
BROZELCO
 229 DUNAVANT DRIVE ROCKFORD, TN 37853-3065
 PICK AND PLACE UNIT
 UNIT
 1 of 11

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