



AUTOMATION SYSTEMS, INC.

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QUALITY SYSTEM
REGISTERED TO
ISO 9001

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Madison Heights, MI 48071

“Excellence In Automation Solutions”

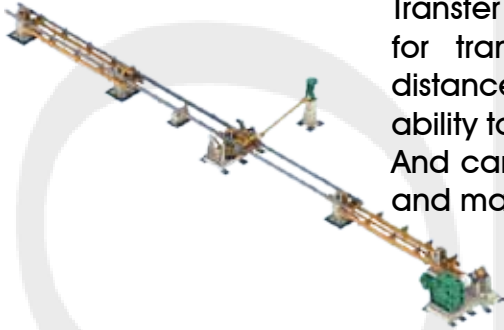
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LIFT & CARRY TRANSFERS - OVERHEAD SHUTTLES - GANTRIES

Transfer systems designed to offer effective solutions for transferring parts in multi-station and long distance applications. These systems give you the ability to have clear open access to your machines. And can be utilized in pressroom, transfer, welding, and machine tending applications.



WELD POSITIONERS

Positioners can be sized for any job from small vehicle body components to large fixtures for heavy mining equipment. These products allow you to rotate the components for ease of welding and positioning during your manufacturing process.



CUSTOM WELD CELLS / WELD SYSTEMS

Weld Systems producing parts ranging from small automotive stamped assemblies to large fabrications and sub-assemblies for most industry segments such as Mining and Construction Equipment, Agriculture, Defense, Rail, and Energy Shipyards, Auto, and Aerospace.



ROBOTIC VISION AUTOMATION

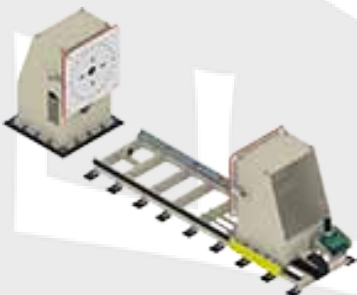
Robot vision is used for finding and orienting a part for robotic handling, weld, or inspection.

Vision guided robots can replace multiple mechanical tools with a single robot station.



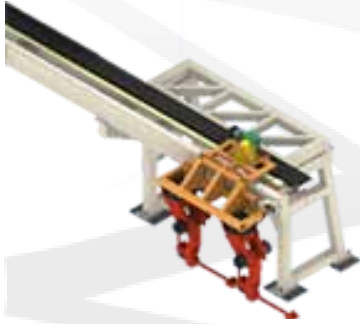
TRUNNIONS

Size classifications covering a range of payload capacities up to 4082 kg (9000 lb.). Trunnions can perform rotary position applications for MIG welding, perform multiple tool exchanges functions, and various other tight tolerance applications. Special large component trunnions are also available with capacities of up to 40823 kg (90000 lb).



EXCELLENCE IN AUTOMATION SOLUTIONS

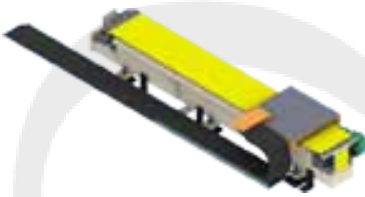
ROBOT TRANSFERS AND SLIDES



Robot Transfers/Slides add flexibility to any manufacturing situation (assembly, adhesive dispensing, welding, and other applications). Our product line consists of linear belt and rack and pinion drive systems that can be floor mounted or mounted on a frame. We also utilize an inverted slide position for machine tending applications.



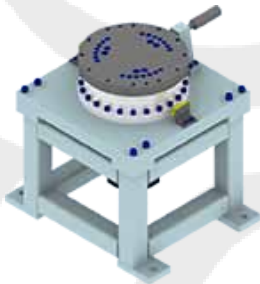
TOOL TRAYS AND PART SHUTTLES



Design flexibility allows our shuttles to be floor mounted or inverted for overhead applications. Easom's shuttles use linear belt or rack and pinion drive technology and can be customized for various lengths, widths, and speeds. Carriages can be designed to fit your tool fixtures.



SERVO, VFD, AND CAM INDEXING TURNTABLES



With the flexibility of our turntable product line, Easom can handle light applications, to ones that exceed 22680 kg (50000 lb.). Turntables can be equipped to utilize robotic auxiliary motors, VFD's, or servo drives and can be customized to accommodate your unique applications.



MULTI-POSITION TURNTABLES



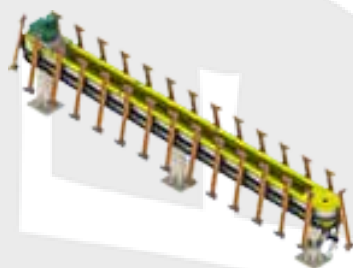
Our Multi-Station Low-Profile Turntables provide manufacturers with many benefits over traditional cam type indexers while utilizing the latest in digital drive and gear reducer technologies.



DRIVE SOLUTIONS

From drive selection to control panel design and build, Easom is experienced in integration of drive systems including servo, Variable Frequency Drive (VFD), robot auxiliary axis control, and Cymonic Drives. We also offer the Digi-Dog™ Rotary Limit Switch, an independent output control device to link PLC's to motion applications.

CONVEYORS



Conveyors applications from induction heating of oil field piping to providing parts buffers where a robot/operator is required for product load or unloads. Easom will design and build a custom conveyor system to meet you application requirements.

