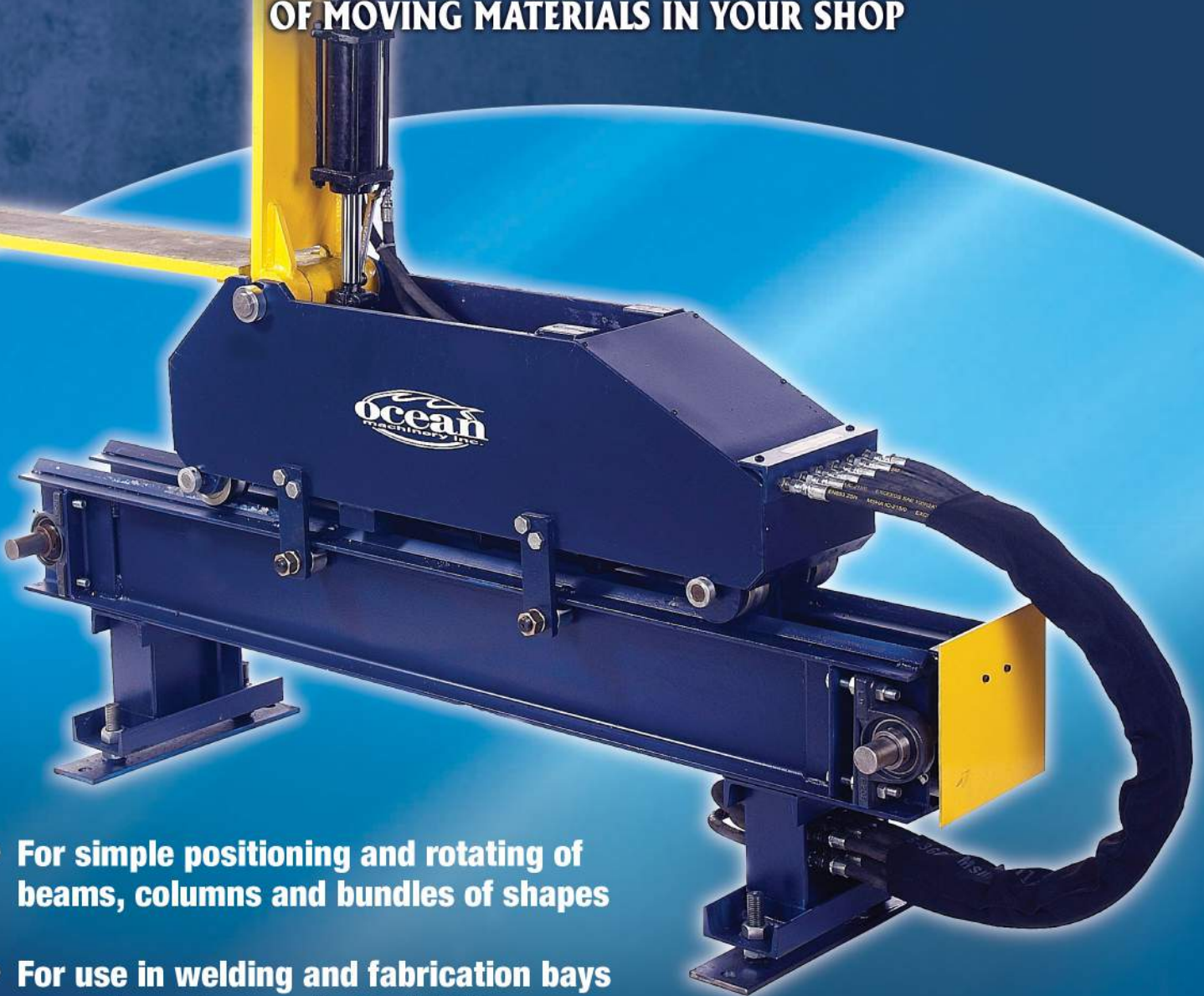


ocean

FLIPPER

BEAM ROTATOR AND POSITIONER

**ELIMINATES THE UNNECESSARY COSTS
OF MOVING MATERIALS IN YOUR SHOP**



- For simple positioning and rotating of beams, columns and bundles of shapes
- For use in welding and fabrication bays as well as single-spindle drill lines or other beam processing lines

Ocean Machinery, Inc.

6720 NW 15th Way • Fort Lauderdale, FL 33309 USA
Tel 800.286.3624 • 954.956.3131 • Fax 954.956.3199
www.oceanmachinery.com • www.oceanflipper.com

The Ocean Flipper...

- ✓ Saves time, money and effort in turning and positioning material
- ✓ Eliminates the need to tie up overhead cranes or forklifts
- ✓ Eliminates the need for labor assistance in material handling
- ✓ Minimizes operator fatigue from heavy lifting and excessive walking back and forth
- ✓ Ensures easy profile alignment to drill/processing line datum blocks
- ✓ Maximizes operator safety



The Flipper maneuvering a heavy column

The Ocean Flipper is a simple and unique material handling component, specifically designed to fit within the material support tables of the Ocean Avenger and other single-spindle drill lines, or other types of steel processing equipment where turning and positioning of profiles is required.

On a single-spindle drill line, the Ocean Flipper can rotate large and heavy beams and columns, and position them up to the datum blocks in order to drill the different faces (top flange, bottom flange and web) without the need for an overhead crane or other lifting device and without any additional labor to assist with manual flipping and positioning.

The Ocean Flipper can also be used to rotate and position heavy beams and columns at welding and fitting tables to speed up fitting and welding processes. It can also rotate bundles of material in saw conveyors or other processing lines.

The Ocean Flipper system comprises a pair of Flipper units, an operating console that remotely controls the Flipper master unit, the connecting drive shaft, all hoses and connectors, and an optional hydraulic power unit (if required).

When used in conjunction with Ocean Avenger B Model, the Avenger hydraulic power supply can be used, saving the customer the cost of purchasing the optional hydraulic power unit. A reliable and rugged hydraulic power pack is available for all other installations at an affordable price.

One Ocean Flipper set services half of a 60' Avenger table. Where fabricators are particularly busy, two Ocean Flipper sets (4 rotating arms) might make the most sense.

The Flipper is designed for simple self-installation of the system for the fabricator.



Flipper is solidly constructed using heavy duty drives, sprockets, chains and coupling shafts

SPECIFICATIONS

Maximum profile size	40" (1000mm)
Flipping capacity	30,000 lbs (14,000kg)
Working height	35" ± 1.5" (890mm ± 38mm)
Electrical requirement	110V Single phase
Electrical requirement (for Optional Hydraulic Unit)	230V/460V 3-Phase
Hydraulic Power Requirement (if customer supplied)	1,200 – 2,500 psi, 15GPM Minimum
Hydraulic Tank size (if customer supplied)	15 Gallon tank min per pair

The Ocean Flipper works with:

- All single spindle drill lines including:
 - Ocean Avenger CNC drill line (A and B models)
 - Ficep 1001 D Drill line and Victory 11 Drill Lines
 - Voortman V600 Drill Line
- Any fitting/welding operation where profiles need to be rotated for welding attachments
- Any saw line, shot blast line, or painting operation where beams need turning prior to the next stage