

# FlexArm

## Pneumatic Tapping Machines

**Units Available Up To  
7/8" Tap Capacity**

**TAP  
INTO  
PROFIT**



**30 Day Free Trial**

# FlexArm Models



## A-32

0-80 to 9/16" Tap Capacity

11" to 34" Working Range

6 Motor Options

Size 1 Quick Change Chuck

## S-36 and M-60

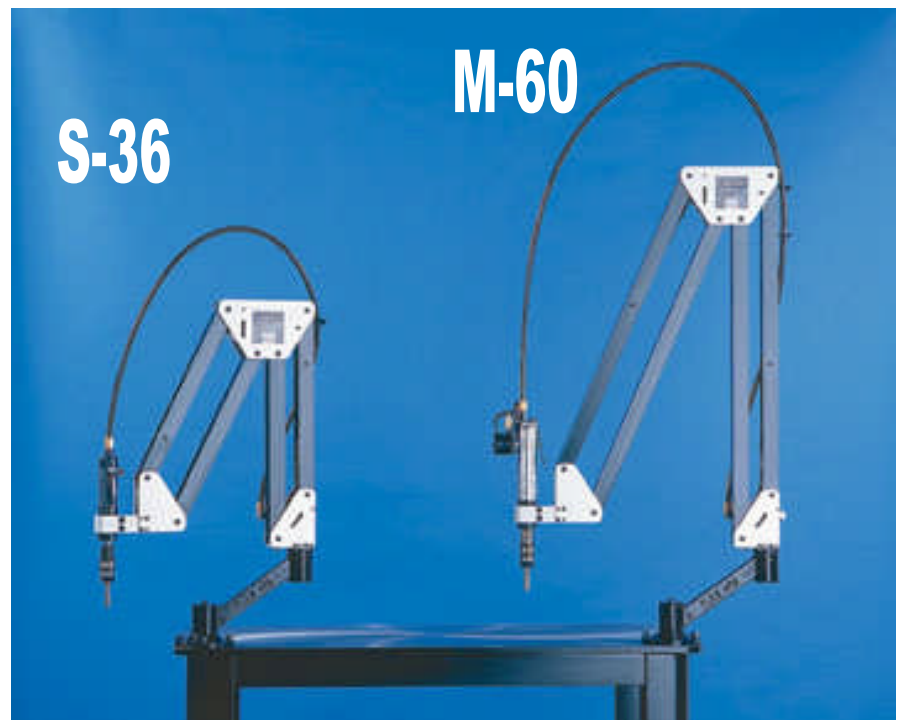
0-80 to 3/4" Tap Capacity

S-36: 14" to 51" Working Range

M-60: 22" to 76" Working Range

7 Motor Options

Size 1 Quick Change Chuck



**30 Day Free Trial on All Models**

**RNR-20**



**RNR-20**

#6 - 7/8" Tap Capacity

14" to 72" Working Range

2 Motor Options

Size 2 Quick Change Chuck

**Model RNR-20 & RNRM-20 Features:**



*2 Speed Motor*



*Multi-Position Head  
(Model RNRM-20 Only)*



*Semi-Automatic  
Tap Lubricator*

**30 Day Free Trial on All Models**

# FlexArm Accessories



Automatic Tap  
Lubricator System  
FX900075



24"x48"x36" Table w/Ground Steel Top  
FX900028  
24"x60"x36" Table w/Ground Steel Top  
FX900029



Automatic Depth Stop  
FX900090



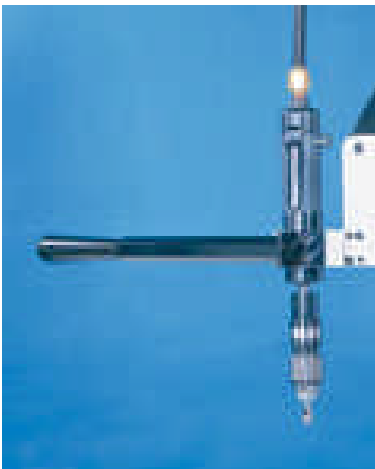
Pedestal Mount  
FX900030



Horizontal Tapping Adapter  
FX900220



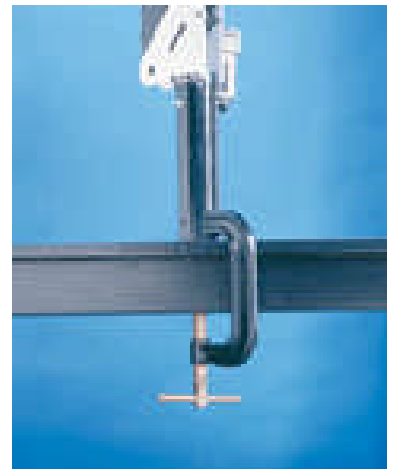
Magnetic Base Mount  
FX900050



Dead Handle  
FX900045



Stand for Tap Holders  
FX900040



C-Clamp Mount  
FX900015



When your machining center isn't milling, drilling, or boring, it's costing your company money. Tapping is an inefficient and costly CNC operation that can best be done by the **FlexArm**. Using the **FlexArm** in conjunction with your machining center saves money, time, tools, and materials. Put another way, the **FlexArm** offers more profit and increased productivity.

### **Time & Tap Life**

**FlexArm's** torque clutch holders make tapping blind holes easy. It even taps on parts that can't be easily tapped by other methods. The torque clutch allows the tap to stop turning when it encounters any obstruction that might cause tap breakage, and is adjustable for all types of material. **FlexArm's** quick-change chuck allows you to change from one size tap to another in 3 to 5 seconds. No gears, head height, or stops to change. **FlexArm** is ideally suited for tapping large and multi-level parts. With adjustable gas counter-balanced springs, a CNC operator can easily and quickly position the tap over the hole while the machining center works on the next piece. The **FlexArm** can be adjusted to stay where it is positioned or automatically return to the home (folded) position. The result is less operator strain and increased production.

**Save Money**

**Save Time**

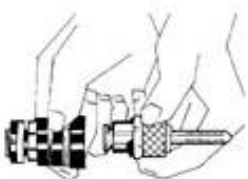
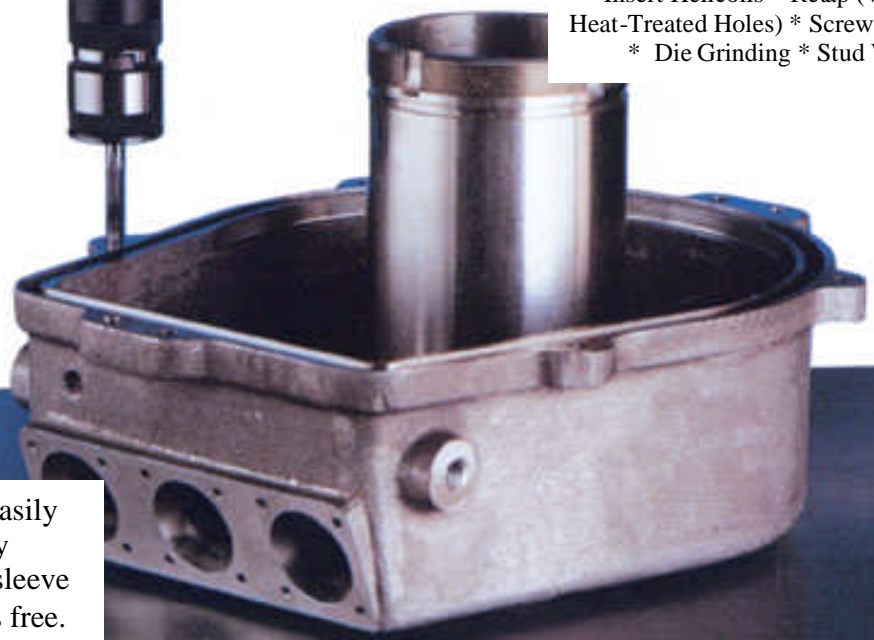
**Reduce Rejects**

**Reduce Tap Breakage**

**Improve Quality**

### APPLICATIONS

- Tapping \* Chamfer
- \* Ream \* Countersink
- \* De-burr \* Nut Runner
- W/Torque Control \* Hone
- \* Burnish & Size (Through Holes) \* Drill (Soft Materials)
- \* Insert Helicoils \* Retap (Warped Heat-Treated Holes) \* Screw Driver
- \* Die Grinding \* Stud Welder



Tap adapters are easily changed by merely sliding the chuck sleeve until the adapter is free.

## Money

Used in conjunction with a CNC machining center, profitability is increased through additional hourly production. Add to the savings the elimination of costly tool holder purchases and programming time and see how easily the payback time meets your company's cost-justification requirements. Look at the **FlexArm** payoff to see how the elimination of tapping on expensive CNC equipment can actually save up to 30%.

The **FlexArm** comes complete, ready to mount with air prep. system, forward and reverse air motor with 9/16" tap capacity, and quick-change chuck. Larger and smaller tap capacities and motor speeds are available. The tap is always perpendicular providing excellent thread quality. **FlexArm** can be operational and saving money in as little as 30 minutes.

## Increase CNC Production up to 30% ...



## ... Utilize Operator During the Cycle Time. Here's the FlexArm Payoff

<b>4200 PCS. (1/4 – 20 x 3/4 Deep) 4 Holes/Pc (16800 Holes)</b>	
CNC Machine Program Time for Tap (10 min @ \$50/Hour)	\$ 9
CNC Machine Time	
Tool Charge (15 sec. @ \$50/Hour)	\$ 882 (4200)
Tap (15 sec. @ \$50/Hour)	\$ 3528 (16800)
Tap Breakage (1 every 300 Holes)	
Tap \$ 7	
EDM 25	
RWK 10	
\$ 42 (56 Holes)	\$ 2352
Cost to Tap with CNC Machine	\$ 6771
FlexArm Method (All Holes Tapped Using Operator's Free Time During Machine Cycle)	(-0-)
Tap Breakage (1 every 3000 Holes) (6 Holes)	\$ 252
Cost to Tap with FlexArm	\$ 252
<b>Total Savings</b>	<b>\$ 6519</b>



## Flexible Cell Manufacturing

Use the **FlexArm** in combination with primary operations and generate savings through improved operator utilization, reduced setup time, reduced material handling, and improved material flow. Create a profitable manufacturing cell by coupling the **FlexArm** with any computer controlled or manually operated machine such as: a Laser Cutter, Plasma Cutter, Turret Press, Bridgeport Mill, Waterjet, or Radial Arm Drill.

**For Standard or Special Quotations:**

**CALL TOLL FREE NOW!**

**1-800-837-2503**

**MIDWEST  
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