FlexArm

www.flexarminc.com

PNEUMATIC TAPPING ARMS

Tap Up to 7/8"

Increase Production

Less Material Handling

1-800-837-2503
www.flexarminc.com
flexarm@flexarminc.com

A-32

S-36

M-60

RNR-20

*Available with Multi-Head

When your machining center isn't milling, drilling, or boring, it's costing your company money. Tapping is an inefficient and costly CNC operation best done by the FlexArm. Your CNC operator can use the FlexArm to tap holes, while the machine center works on the next part. Using the FlexArm in conjunction with your machining center saves money, time, tools, and materials.

Series	Working Range	Tap Capacity	Max Torque	Speed Options
A - 32	11" - 34"	0 - 9/16"	28 ft/lb	400, 600, 1000,1500, 2500,5000
S - 36	14" - 51"	0 - 9/16"	28 ft/lb	400, 600, 1000,1500, 2500,5000
M - 60	22" - 76"	0 - 9/16"	28 ft/lb	400, 600, 1000,1500, 2500,5000
RNR - 20	14" - 72"	#6 - 7/8"	63 ft/lb	100/400 or 200/700

Actual Tap Capacity and Speed is dependant on motor chosen.

FlexArm
Accessories
Don't See What you need? Ask about Custom Accessories

Automatic Tap Lubrication System:
Pumps an adjustable amount of lubrication fluid any time the tapping motor is running.

Semi-Automatic Tap Lubrication System:
Allows the operator to mist the tap at their discretion.
*Not availible on the A32

Step-less Quick Clamps:
Position your piece, clamp and tap
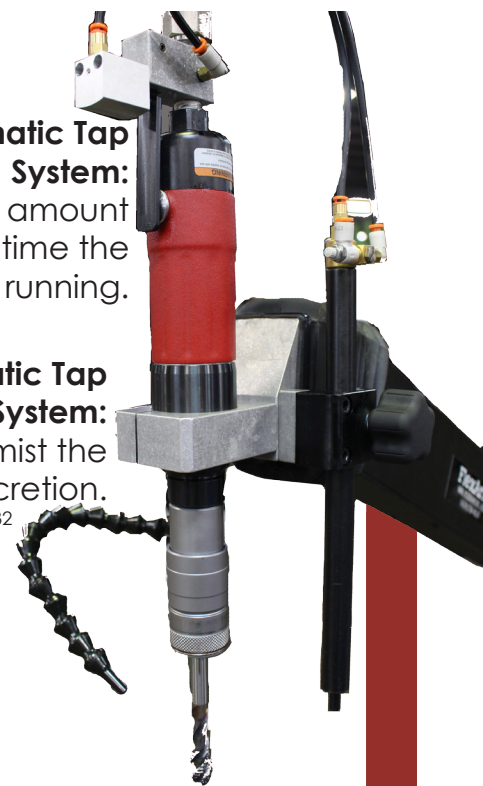
Automatic Depth Stop:
A FlexArm Automatic Depth Stop allows the operator to control depth and maintain consistency

Tap Holder Stand:
Keep Tooling and tap holders handy, clean, and organized

Blanchard Ground Steel Top Table or Cart:
A durable mobile mounting option for your new FlexArm

Horizontal Tapping Adapter:
Allows for a quick change from vertical to horizontal tapping while staying perpendicular to the working surface.
*Available on the A-32, S-36, and M-60.

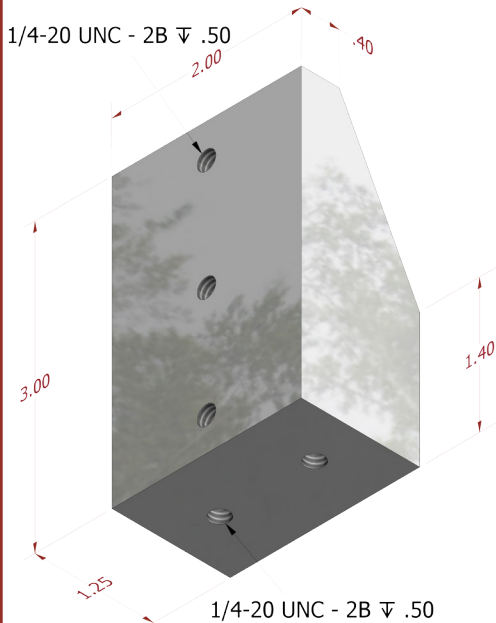**Magnetic Base Mount:**
Increases the mobility of your FlexArm

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TIME/COST STUDY

Part A

1/4-20 UNC - 2B ▽ .50

2.00

.40

3.00

1.40

1.25

1/4-20 UNC - 2B ▽ .50

We need 2000 Part A's.
Machining Part A requires tapping 5 holes.

We can either program the CNC Machine to Tap and occupy valuable CNC Time...

Or

The CNC operator can tap those holes using a FlexArm during the CNC's Cycle Time.
(instead of using that time to check Facebook)

Tapping on CNC requires 15 seconds of extra machine time per part.
For 2000 parts/10,000 holes, it is **8.5 hours faster to tap offline**

TAPPING WITH FLEXARM

COST TO TAP WITH FLEXARM:

$0

- 8.5 Hours Faster
- Breaks approximately 1 tap per 3000 holes
- Reduced Cycle Time
- Reduced Set-Up Time

TAPPING ON CNC

COST TO TAP WITH CNC:

$416*

- 8.5 Hours Slower
- Breaks approximately 1 tap per 300 holes
- Additional Cycle Time
- Requires Additional Tool Set Up
- Increased wear on Spindles

* Cost to tap reflects <u>only</u> shop time at a rate of $50/hour, it does NOT include the cost of broken taps and the resulting scrapped parts from tapping on the cnc