

3arm[®]

America



ERGONOMIC SOLUTIONS



3 Arm is a division of the Tecnospiro Machine Tool Company located in Sant Joan de Vilatorrada Spain a small village about 40 miles west of Barcelona. They are a small family owned company that has been in business since the 60's. They have a state of the art manufacturing facility and a dynamic engineering staff that has been very innovative in design and inventing new products. The 3Arm ergonomic arm is the strongest most dependable arm available in the world market place today. It can be used for assistance in assembly, deburring, off line machining, and all types of lifting operations. Where ever operator fatigue is concern for employee safety, productivity, or quality 3Arm has a solution. The EuroLink has been the North American representative and importer since 2006.



106 West Ohio Avenue
Mount Vernon, Ohio 43050
phone (740) 392-1549
fax (740) 392-0230
www.eurolinkinc.com

SAFETY WARNING 3ARM-America products are engineered and manufactured with safety in mind. The heat treat specifications exceed or meet all standards. All of the products manufactured by 3ARM-America are designed to perform without any undue safety issues when caution, common sense and proper safety practices are followed. The use of cutting tools and toolholders is safe when proper application and protection guidelines are observed. Even when these proper precautions are taken, it is possible that fragments of a cutting tool, cutting material, or holding device may be thrown at a very high rate of speed and have potential to cause severe bodily harm. It is imperative that general safety precautions and safety glasses be used at all times.

Index

Series 2 3

Series 3 4 & 5
Top Mount

Series 3 6 & 7
Bottom Mount

Series 4 8

Series 5 9

Applications10

Accessories11

Series 2

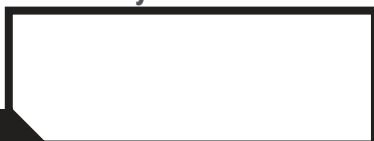
Weight Range
0-13 lbs.

Maximum Reach
34"

Vertical Distance
22"

Build an ergonomic solution

Pick your Base Arm

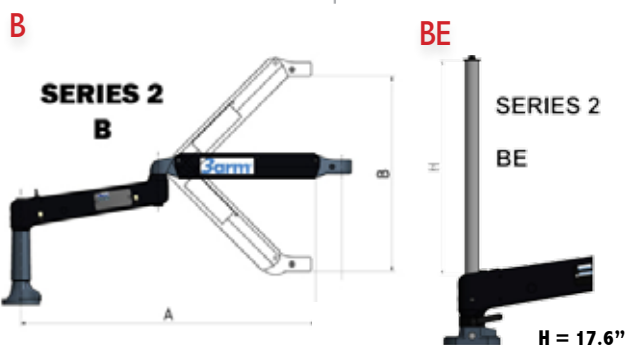


+

Pick your Head Member



Bottom Radial Base Arm



Arm Dimensions

Radial Base	A (Maximum Reach)	B (Vertical Distance)
B	33.9"	22.2"
BE	33.9"	22.2"

Stationary

A2 Vertical (200 Nm)



B2 Flat (200 Nm)



C2 Adjustable



Articulating

D2 Vertical (75 Nm)



E2 Flat (75 Nm)



F2 Adjustable



Orbital Attachment

G2 For Grinding



N2 For Impact Wrench



3arm Pictured
B+G2
Tool not included



Series 3

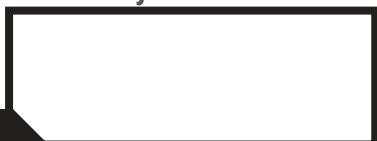
Weight Range
0-77 lbs.

Maximum Reach
68"

Vertical Distance
45"

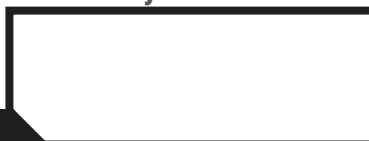
Build an ergonomic solution

Pick your Base Arm



+

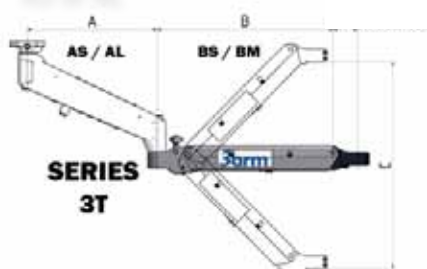
Pick your Tilt Arm



+

Top Radial Base Arm

AS or AL



Arm Dimensions

Radial Base	A (Length)	Tilting Arm	B (Length)	C (Vertical Distance)	Maximum Reach
AS	17.7"	BS	24.0"	27.8"	41.7"
		BM	35.8"	44.5"	53.5"
AL	31.8"	BS	24.0"	27.8"	55.9"
		BM	35.8"	44.5"	67.6"

Vertical Tilt Arm

BS Small (Length 24", up to 77 lbs)

BM Medium (Length 35.8", up to 40 lbs)



3arm Pictured
AS+BM+A3+L11

Top Mount

Pick your Head Member

Pick your Brakes



Stationary

A3 Vertical (650 Nm)



B3 Flat (650 Nm)



C3 Adjustable



Articulating

D3 Vertical (200 Nm)



E3 Flat (200 Nm)



F3 Adjustable



R3 Nut Runner (300 Nm)



Orbital Attachment

G3 Quick-Change Gimbal



I3 Flat Locatable Surface



J3 Flat Vertical Surface



N3 Pistol-Style Tool Holder



M3 Constant-Pressure Tool Holder



Brakes

L00 None

L11 Manual

L22 Pneumatic

L50 Manual Lock at Base

L92 Brakes lock by tool trigger



Series 3

Weight Range
0-77 lbs.

Maximum Reach
68"

Vertical Distance
45"

Build an ergonomic solution

Pick your Base Arm



+

Pick your Tilt Arm

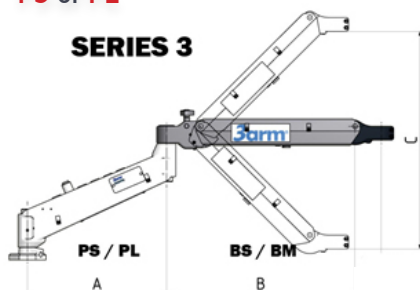


+

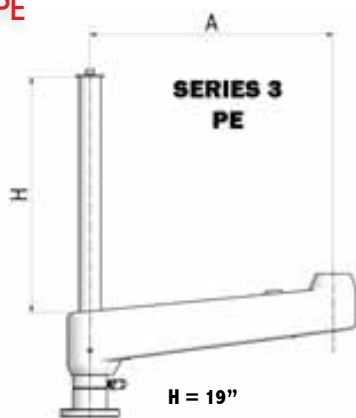
Bottom Radial Base Arm

PS or PL

SERIES 3



PE



H = 19"

Vertical Tilt Arm

BS Small (Length 24", up to 77 lbs)

BM Medium (Length 35.8", up to 40 lbs)



Arm Dimensions

Radial Base	A (Length)	Tilting Arm	B (Length)	C (Vertical Distance)	Maximum Reach
PS	17.7"	BS BM	24.0" 35.8"	27.8" 44.5"	41.7" 53.5"
PL	31.8"	BS BM	24.0" 35.8"	27.8" 44.5"	55.9" 67.6"
PE	19.7"	BS BM	24.0" 35.8"	27.8" 44.5"	43.7" 55.8"

3arm Pictured

PL+BM+D3+L11

Bottom Mount

Pick your Head Member

+

Pick your Brakes

Stationary

A3 Vertical (650 Nm)



B3 Flat (650 Nm)



C3 Adjustable



Articulating

D3 Vertical (200 Nm)



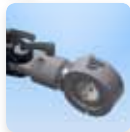
E3 Flat (200 Nm)



F3 Adjustable



R3 Nut Runner (300 Nm)



Orbital Attachment

G3 Quick-Change Gimbal



I3 Flat Locatable Surface



J3 Flat Vertical Surface



N3 Pistol-Style Tool Holder



M3 Constant-Pressure Tool Holder



Brakes

L00 None

L11 Manual

L22 Pneumatic

L50 Manual Lock at Base

L92 Brakes lock by tool trigger



Series 4

Weight Range
0-53 lbs.

Maximum Reach
58"

Vertical Distance
56"

Build an ergonomic solution

Pick your Base Arm

Pick your Head Member

Pick your Brakes

Radial Base Arm

DS or DM

SERIES 4



Arm Dimensions

Radial Base	A (Maximum Reach)	B (Vertical Distance)
DS	48"	42.3"
DM	57.5"	55.5"

Stationary

A4 Vertical (650 Nm)



B4 Flat (650 Nm)



C4 Adjustable



Articulating

D4 Vertical (200 Nm)



E4 Flat (200 Nm)



F4 Adjustable



R4 Nut Runner (300 Nm)



Orbital Attachment

G4 Quick-Change Gimbal



I4 Flat Locatable Surface



J4 Flat Vertical Surface



N4 Pistol-Style Tool Holder



M4 Constant-Pressure Tool Holder



Brakes

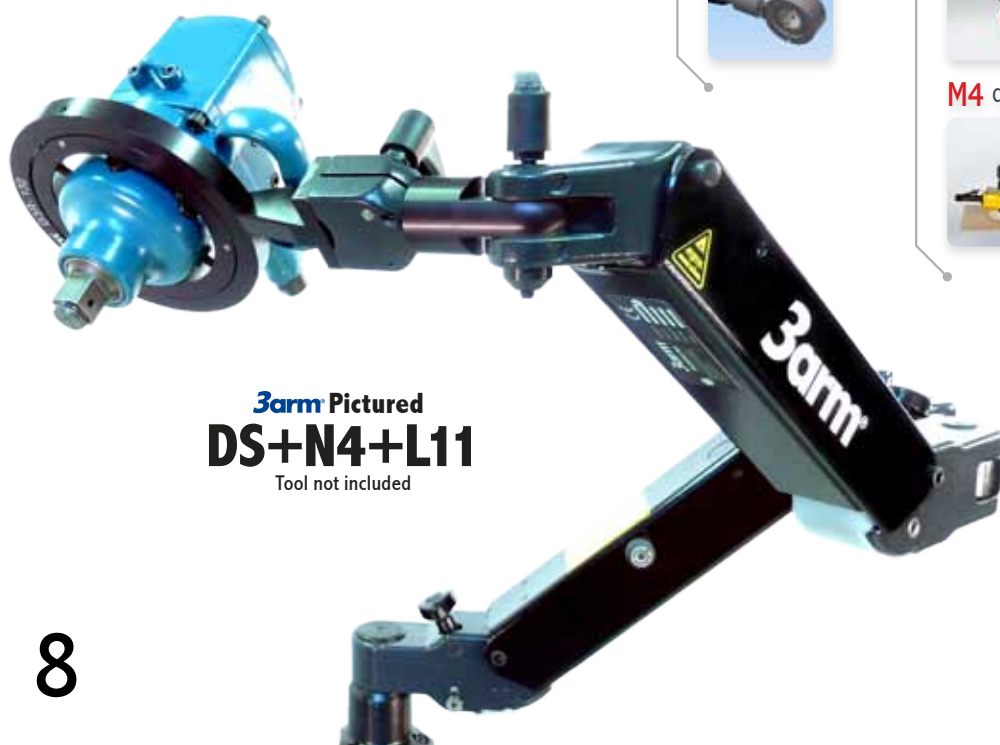
L00 None

L11 Manual

L22 Pneumatic

L50 Manual Lock at Base

L92 Brakes lock by tool trigger



3arm Pictured
DS+N4+L11
Tool not included

Can be engineered for
Top, Bottom or Wall mount

Build an ergonomic solution

Pick your Base Arm

+

Pick your Head Member

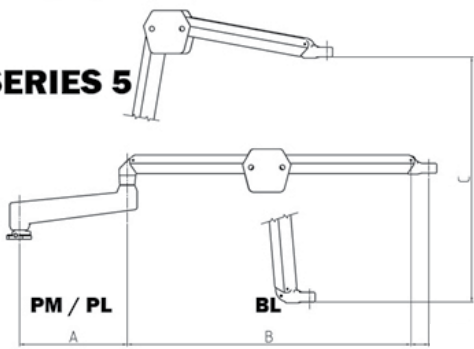
+

Pick your Brakes

L50

Radial Base Arm

PM or PL




SERIES 5

Arm Dimensions


Radial Base	A (Length)	Tilting Arm	B (Length)	C (Vertical Distance)	Maximum Reach
PM	19.7"	BL	52"	45.2"	71.6"
PL	31.8"		52"	45.2"	83.8"

Stationary


A5 Vertical



B5 Flat




C5 Adjustable




Articulating


D5 Vertical



E5 Flat



F5 Adjustable



Brakes

L50 Manual lock at base

3arm Pictured
PM+BL+A5+L50



Applications



Engineered for your application

Over 450 standard combinations available

AS EASY AS KNOWING THE ANSWER TO 5 QUESTIONS

1

Choose the ARM that will meet your weight and reach requirements

Series 2 - up to 13 lbs (34")

Series 3 - up to 77 lbs (68")

Series 4 - up to 53 lbs (57")

Series 5 - up to 26 lbs (84")

3

Choose your
VERTICAL LIFT ARM

What overall reach & vertical distance do you need?

4

Choose your
HEAD MEMBER

Hold it with a vertical head?
Hold it with a vertical or horizontal head? Or an orbital attachment?

5

Choose a
BRAKE option

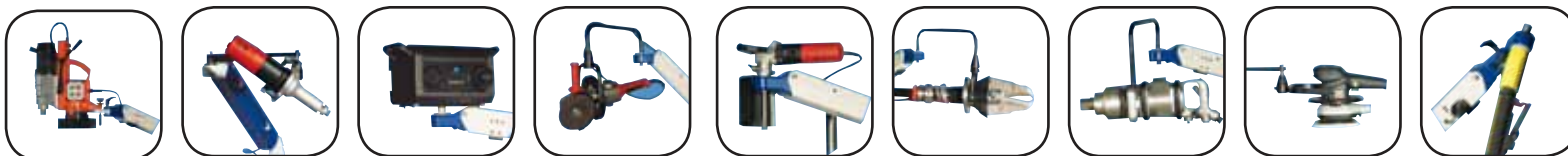
Do you need manual brakes?
Pneumatic brakes?
Or without brakes?

2

Choose your
BASE

What type of mount do you need? Bottom, Top or Adjustable Height Base

OR YOU CAN CONTACT US AND WE WILL ENGINEER A SOLUTION FOR YOU!



Accessories

EDP	Description	Dimensions	Series			
			2	3	4	5
RA0003A	Small table	19 ¹¹ / ₁₆ " x 19 ¹¹ / ₁₆ " x 35 ⁷ / ₁₆ "	○			
RA0005A	Medium-large table	33 ⁷ / ₁₆ " x 33 ⁷ / ₁₆ " x 33 ⁷ / ₁₆ "	○	○	○	○
RA0006A	Large table	43 ⁵ / ₁₆ " x 33 ⁷ / ₁₆ " x 33 ⁷ / ₁₆ "	○	○	○	○



Small
RA0003A



Medium
RA0005A



Large
RA0006A

EDP	Description	Capacity	Series			
			2	3	4	5
RA0001A	Small clamp	5" x 2 1/2"	○			
RA0002A	Large clamp	5" x 5" x 2 1/2"	○	○	○	○



Small Clamp
RA0001A



Large Clamp
RA0002A

EDP	Description	Dimensions	Series			
			2	3	4	5
RA0007A	Trolley with Column	27.55" x 27.55" x 37"	○	○	○	○
RA0010A	Column	13 3/4" x 13 3/4" x 29 1/2"	○	○	○	○
RA0012A	Pneumatic Lifter	21-5/8"	○	○	○	○
RA0013A	Mechanic Lifter	9-11/16"	○	○	○	○
RA0016A	Magnetic Support	9 13/16"	○	○	○	○
R76096A	2000 Elevator (Pneumatic)	57.1"	○	○	○	○



Magnetic Support
RA0016A



Lifter
RA0012A



Column
RA0010A



Trolley with
Column
RA0007A



2000S
Elevator
R76096A



FLOOR RAILS & BEAMS

AVAILABLE UPON REQUEST

CALL FOR AN ENGINEERED SOLUTION



COMMITTED TO INDEPENDENT
TECHNICAL MANUFACTURER'S REPRESENTATIVES.
SOLD ONLY THROUGH INDUSTRIAL DISTRIBUTION.



NETPLUS ALLIANCE
BRINGING SUPPLIERS & DISTRIBUTORS TOGETHER

**WE SERVICE
WHAT WE SELL**
www.3armamerica.com



Customer Commitment

To work hard everyday to be regarded in the metal working marketplace as a supplier that is friendly, helpful and easy to do business with - EVERYDAY, EVERYTIME.

To offer innovative high quality solutions at a competitive price.

To be receptive & proactive in identifying solutions for our customers needs & requirements.



✱ Another Quality Product from ✱



EDP: 3ARM-CAT14

106 West Ohio Avenue
Mount Vernon, Ohio 43050
phone (740) 392-1549
fax (740) 392-0230

www.eurolinkinc.com
sales@eurolinkinc.com

Published March 2013

