







ROLL-A-MOTORS SINGLE PHASE

The TECO 'Roll-A-Motor' is ruggedly designed for low and high torque capabilities. Smooth running, frequent forward and reverse operations together with a controlled output of the amount of expansion are highly desirable features and will create a more accurate joint in the finished product.

Selection Guide: ROLL-A-MOTORS SINGLE PHASE

MODEL NO.	TUBE CAPACITY O.D. MIN. - MAX.	LOADED SPEED RPM	VOLTAGE	POWER INPUT WATT	POWER OUTPUT WATT	SHANK
 400	STEEL 1/4" - 5/8" 6.35 - 15.87 mm NON-FERROUS 1/4" - 3/4" 6.35 - 19.05 mm	2 SPEED 430 1050	42 VOLT A.C. 110 VOLT A.C. 230 VOLT A.C. 50-60 HZ.	300	145	B-12
 875	STEEL 1/2" - 7/8" 12.7 - 22.22 mm NON-FERROUS 5/8" - 1" 15.87 - 25.4 mm	800 OR 1100	42 VOLT A.C. 110 VOLT A.C. 230 VOLT A.C. 50-60 HZ.	650	420	B-16
 1100	STEEL 1/2" - 2" 12.7 - 50.8 mm NON-FERROUS 3/4" - 2 1/2" 19.05 - 63.5 mm	4 SPEED 195 330 650 1035	42 VOLT A.C. 110 VOLT A.C. 230 VOLT A.C. 50-60 HZ.	1700	1000	MT-3
 1200	STEEL 3/4" - 2 1/2" 19.05 - 63.5 mm NON-FERROUS 3/4" - 3" 19.05 - 76.2 mm	4 SPEED 100 170 300 510	42 VOLT A.C. 110 VOLT A.C. 230 VOLT A.C. 50-60 HZ.	1700	1000	MT-3

ROLL-A-MOTORS SINGLE PHASE

	WEIGHT	SUPPLIED WITH QUICK CHANGE CHUCK					
	3.3 lbs 1.5 kg	1/4" OR 3/8"	 <p>ROLL-A-MOTOR SUPPORT</p>				
	8.1 lbs 3.7 kg	3/8" OR 1/2"	 <p>TELESCOPIC UNIVERSAL SHAFT</p>				
	18 lbs 8.3 kg	3/8" AND 1/2"	MODEL NO.	SHANK	EXTENSIBILITY	WEIGHT	ROLL-A-MOTOR SUPPORT
	18 lbs 8.3 kg	3/8" AND 1/2"	TUS-2	MT-2 M29X1.5	1005/1505 mm	25.3 lbs 11,5 kg	1000-TS
	18 lbs 8.3 kg	3/8" AND 1/2"	TUS-3	MT-3 M35X1.5	1005/1505 mm	25.3 lbs 11,5 kg	1200-TS




Note: Other quick change chuck available see page 32.

ROLL-A-MOTORS THREE PHASE



The TECO 'Roll-A-Motor' is ruggedly designed for low and high torque capabilities.

Smooth running, frequent forward and reverse operations together with a controlled output of the amount of expansion are highly desirable features and will create a more accurate joint in the finished product.

Selection Guide: ROLL-A-MOTORS THREE PHASE

MODEL NO.	TUBE CAPACITY O.D. MIN. - MAX.	LOADED SPEED RPM	VOLTAGE	POWER INPUT WATT	POWER OUTPUT WATT	SHANK
 TC-4	STEEL 3/4" - 2" 19.05 - 50.8 mm NON-FERROUS 3/4" - 2 1/2" 19.05 - 63.5 mm	4 SPEED 120 195 360 680	42 VOLT 3 PH. 220 VOLT 3 PH. 400 VOLT 3 PH. 50-60 HZ.	1250	800	MT-3 M35X1.5
 TC-4/1	STEEL 3/4" - 2" 19.05 - 50.8 mm NON-FERROUS 5/8" - 2 1/2" 15.87 - 63.5 mm	5 SPEED 120 195 360 680 1450	42 VOLT 3 PH. 220 VOLT 3 PH. 400 VOLT 3 PH. 50-60 HZ.	1250	800	MT-3 M35X1.5
 TC-5	STEEL 1" - 3" 25.4 - 76.2 mm NON-FERROUS 1 1/4" - 4" 31.75 - 101.6 mm	5 SPEED 20 40 80 160 700	42 VOLT 3 PH. 220 VOLT 3 PH. 400 VOLT 3 PH. 50-60 HZ.	1500	900	MT-4 M50X2

ROLL-A-MOTORS THREE PHASE

			 <p>ROLL-A-MOTOR SUPPORT</p>																
	WEIGHT	SUPPLIED WITH QUICK CHANGE CHUCK	 <p>TELESCOPIC UNIVERSAL SHAFT</p>																
	29.5 lbs 13.5 kg	3/8" AND 1/2"																	
	29.5 lbs 13.5 kg	3/8" AND 1/2"	<table border="1"> <thead> <tr> <th>MODEL NO.</th> <th>SHANK</th> <th>EXTENSIBILITY</th> <th>WEIGHT</th> <th>ROLL-A-MOTOR SUPPORT</th> </tr> </thead> <tbody> <tr> <td>TUS-3</td> <td>MT-3 M35X1.5</td> <td>1005/1505 mm</td> <td>25.3 lbs 11,5 kg</td> <td>RMS-3</td> </tr> <tr> <td>TUS-4</td> <td>MT-4 M50X2</td> <td>1005/1505 mm</td> <td>25.3 lbs 11,5 kg</td> <td>RMS-3</td> </tr> </tbody> </table>	MODEL NO.	SHANK	EXTENSIBILITY	WEIGHT	ROLL-A-MOTOR SUPPORT	TUS-3	MT-3 M35X1.5	1005/1505 mm	25.3 lbs 11,5 kg	RMS-3	TUS-4	MT-4 M50X2	1005/1505 mm	25.3 lbs 11,5 kg	RMS-3	
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TUS-4	MT-4 M50X2	1005/1505 mm	25.3 lbs 11,5 kg	RMS-3															
	46.0 lbs 20.9 kg	1/2" QUICK CHANGE CHUCK AND 3/4" FIXED CHUCK																	

Note: Other quick change chuck available see page 32.

ROLL-A-MOTOR COUPLINGS

Selection Guide:

Motor Coupling with Quick Change Chuck



Model

MT-2 x 3/8" I.D. Sq.
MT-2 x 1/2" I.D. Sq.
MT-3 x 3/8" I.D. Sq.
MT-3 x 1/2" I.D. Sq.
MT-4 x 3/8" I.D. Sq.
MT-4 x 1/2" I.D. Sq.



Model

B12 x 1/4" I.D. Sq.
B12 x 3/8" I.D. Sq.
B16 x 3/8" I.D. Sq.
B16 x 1/2" I.D. Sq.

Motor Coupling Fixed Model



Model

MT-2 x 3/4" I.D. Sq.
MT-3 x 3/4" I.D. Sq.
MT-4 x 3/4" I.D. Sq.

MT-2 x 1" I.D. Sq.
MT-3 x 1" I.D. Sq.
MT-4 x 1" I.D. Sq.

Motor Coupling Fixed Model



3/4" I.D. Sq. x 3/4" I.D. Sq.
1" I.D. Sq. x 1" I.D. Sq.

ROLL-A-MOTOR UNIVERSAL JOINTS

Selection Guide:

Universal Joint with Quick Change Chuck



Model

3/8" O.D. Sq. x 3/8" I.D. sq.
MT-2 or MT-3 x 3/8" I.D. sq.
1/2" O.D. Sq. x 1/2" I.D. sq.
MT-2 or MT-3 x 1/2" I.D. sq.

Overall Length

4" Long
4" Long
4" Long
4" Long

Universal Joint Fixed Model

Model

3/4" O.D. Sq. x 3/4" I.D. Sq.
1" O.D. Sq. x 1" I.D. Sq.

Overall Length

8" or 12" Long
8" or 12" Long

Double Universal Joint with Quick Change Chuck

both sides with quick change chuck



3/8" I.D. Sq. x 3/8" I.D. Sq.
1/2" I.D. Sq. x 1/2" I.D. Sq.

Double Universal Joint (with fixed chuck)

3/4" Internal square x 3/4" Internal Square
1" Internal square x 1" Internal Square

Mandrel Extensions



Model

3/8" O.D. Sq. x 3/8" I.D. Sq.
Quick Change Chuck
1/2" O.D. Sq. x 1/2" I.D. Sq.
Quick Change Chuck

Overall Length

8" or 12" Long
8" or 12" Long

3/4" O.D. Sq. x 3/4"
Internal Square
1" O.D. Sq. x 1"
Internal Square

8" or 12" Long

8" or 12" Long



Model

3/8" O.D. Sq. x 3/8" O.D. Sq.
1/2" O.D. Sq. x 1/2" O.D. Sq.

Overall Length

8" or 12" Long
8" or 12" Long