

Rolling motors

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K20 Series

K20 pneumatic rolling motor is designed for the fast and accurate torque controlled rolling of tubes from 1/4" – 1/2" OD (6.3 - 12.7 mm OD). This uniquely designed tool with automatic reverse, expands tubes to a preset torque, at which point it automatically trips over to its reverse rotation, backing itself out of the tube ready for the next expansion. The process is fast and effortless making it the ideal tool for production rolling applications. In line version is available on request.



| | TUBE OD | | FREE SPEED | MIN TORQUE | | MAX TORQUE | | WEIGHT | | LENGTH | | AIR USE | | SQUARE | CHUCKS | |
|----------|---------|------|------------|------------|-------|------------|------|--------|------|--------|------|---------|---------|--------|--------|------|
| | [INCH] | [MM] | [RPM] | [IN.LBS] | [NM] | [IN.LBS] | [NM] | [LBS] | [KG] | [INCH] | [MM] | [CFM] | [L/MIN] | | INC. | OPT. |
| K20-550 | 1/2" | 12,7 | 550 | 0,166 | 0,226 | 6,25 | 8,47 | 2,64 | 1,2 | 8,62 | 219 | 17 | 480 | 3/8" | 1/4" | 3/8" |
| K20-1800 | 3/8" | 9,5 | 1800 | 0,166 | 0,226 | 2,25 | 3,05 | 2,42 | 1,1 | 8,07 | 205 | 17 | 480 | 3/8" | 1/4" | 3/8" |
| K20-2500 | 1/4" | 6,3 | 2500 | 0,166 | 0,226 | 0,66 | 0,9 | 2,29 | 1,1 | 8,07 | 205 | 17 | 480 | 3/8" | 1/4" | 3/8" |

Push&Pull K50 Series

K50 series pneumatic motors has been specifically engineered to ensure uniform tube to tube sheet expansions, thereby preventing the under and over rolling of tubes. This pneumatic tool features an aluminum body, weighing in at only 10.5 lbs (4.76 kg) with an ergonomically correct push/pull throttle. Automatically stops tube expansion at defined settings.



| | TUBE OD | | FREE SPEED | MIN TORQUE | | MAX TORQUE | | WEIGHT | | LENGTH | | AIR USE | | SQUARE | CHUCKS | |
|----------|---------|------|------------|------------|------|------------|-------|--------|------|---------|------|---------|---------|--------|--------|------|
| | [INCH] | [MM] | [RPM] | [IN.LBS] | [NM] | [IN.LBS] | [NM] | [LBS] | [KG] | [INCH] | [MM] | [CFM] | [L/MIN] | | STD. | OPT. |
| K50-1250 | 3/4" | 19 | 1250 | 14,00 | 1,58 | 108 | 12,20 | 10,5 | 4,76 | 12 1/4" | 311 | 60 | 1700 | 3/8" | 3/8" | 1/2" |
| K50-600 | 1" | 25,4 | 485 | 22,00 | 2,49 | 193 | 21,81 | 10,5 | 4,76 | 12 1/4" | 311 | 60 | 1700 | 3/8" | 3/8" | 1/2" |
| K50-400 | 1 1/4" | 31,7 | 400 | 44,15 | 5,00 | 318 | 36,00 | 10,5 | 4,76 | 12 1/4" | 311 | 60 | 1700 | 3/8" | 3/8" | 1/2" |

AK50 Automatic Rolling Motor

AK50 tube rolling motor with automatic reverse. The machine automatically:

- ▶ start up when the expander is located in the tube;
- ▶ reverse the revolution to the left once determine the set up torque;
- ▶ stop when expander is withdrawn from the tube
- ▶ thanks to delay timer, machine automatically runs in forward direction after defined period from end of previous expansion ("NS" option)
- ▶ automatic tube expander lubrication ("L" option)



All the other features are the same as for standard K50 rolling motors.

| | TUBE OD | | FREE SPEED | MIN TORQUE | | MAX TORQUE | | WEIGHT | | LENGTH | | AIR USE | | SQUARE | CHUCKS | |
|---------------|---------|------|------------|------------|------|------------|-------|--------|------|---------|------|---------|---------|--------|--------|------|
| | [INCH] | [MM] | [RPM] | [IN.LBS] | [NM] | [IN.LBS] | [NM] | [LBS] | [KG] | [INCH] | [MM] | [CFM] | [L/MIN] | | STD. | OPT. |
| AUTO K50-1250 | 3/4" | 19 | 1250 | 14,00 | 1,58 | 108 | 12,20 | 10,5 | 4,76 | 12 1/4" | 311 | 60 | 1700 | 3/8" | 3/8" | 1/2" |
| AUTO K50-600 | 1" | 25,4 | 485 | 22,00 | 2,49 | 193 | 21,81 | 10,5 | 4,76 | 12 1/4" | 311 | 60 | 1700 | 3/8" | 3/8" | 1/2" |
| AUTO K50-400 | 1 1/4" | 31,7 | 400 | 44,15 | 5,00 | 318 | 36,00 | 10,5 | 4,76 | 12 1/4" | 311 | 60 | 1700 | 3/8" | 3/8" | 1/2" |