

# Rolling motors

## K60 Series

K60 rolling motors control expansion by the accurate measurement of torque. They automatically stop expanding according to a predetermined setting. Torque control prevents over- and under-expansion of tubes, assures uniformly tightened tube joints, and provides maximum holding strength for individual tubes. All K60 motors include torque sensing cams designed and manufactured specifically for tube expanding applications.

- ▶ Strong, lightweight aluminum housings for easier handling and less operator fatigue
- ▶ Rugged drive combines precision control and measured torque output
- ▶ Simple dial-a-torque adjustment collar for easy set up
- ▶ Cushioned shut-off reduces torque reaction
- ▶ Quick change chucks to improve productivity



	TUBE OD		FREE SPEED	MIN TORQUE		MAX TORQUE		WEIGHT		LENGTH		AIR USE		SQUARE	CHUCKS	
	[INCH]	[MM]	[RPM]	[FT.LBS]	[NM]	[FT.LBS]	[NM]	[LBS]	[KG]	[INCH]	[MM]	[CFM]	[L/MIN]		STD.	OPT.
<b>K60-900</b>	1-1/2"	38,1	756	4,7	6,4	30,7	41,6	27	12,25	18	457	1980	70	1/2"	3/8, 1/2	3/4, 1
<b>K60-400</b>	2"	50,8	400	10,0	12,8	61,0	82,5	27	12,25	18	457	1980	70	3/4"	3/4, 1	3/8, 1/2
<b>K60-250</b>	2-1/2"	63,5	220	25,0	33,9	100,0	135,5	27	12,25	18	457	1980	70	3/4"	3/4, 1	3/8, 1/2

## AK60NS Automatic Rolling Motor

AK60NS is a tube rolling motor with the fully automatic reverse system. The machine automatically:

- ▶ startup rotating in the forward direction;
- ▶ reverse the revolution to the left once determine the setup torque;
- ▶ thanks to adjustable delay timer, the machine automatically runs in forwarding direction after a defined period from the end of a previous expansion;
- ▶ automatic tube expander lubrication "L" is available optionally.

All the other features are the same as for standard K60 rolling motors.

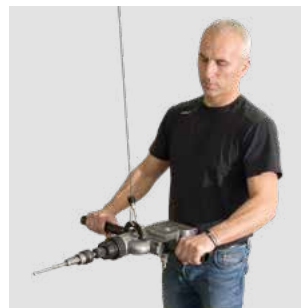


	TUBE OD		FREE SPEED	MIN TORQUE		MAX TORQUE		WEIGHT		LENGTH		AIR USE		SQUARE	CHUCKS	
	[INCH]	[MM]	[RPM]	[FT.LBS]	[NM]	[FT.LBS]	[NM]	[LBS]	[KG]	[INCH]	[MM]	[CFM]	[L/MIN]		STD.	OPT.
<b>AK60NS-1200</b>	1"	25,4	1200	3,8	5,0	19,0	25,0	27	12,25	18	457	1980	70	1/2"	3/8, 1/2	3/4, 1
<b>AK60NS-900</b>	1-1/2"	38,1	756	4,7	6,4	30,7	41,6	27	12,25	18	457	1980	70	1/2"	3/8, 1/2	3/4, 1

### AUTO K60 ON SITE



Auto K60 fastened on the Flexpander.



K60 fastened on the rope balancer.