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## **AUTO-EXPAND TUBE- / PIPE END FORMING MACHINES**



- Maximal 20% reduction or expansion from a tube / pipe end.
- Operation cycle time is 2 - 5 seconds.
- Diameters standard till max. 115 mm.
- Diameters till 190 mm. with special tooling.
- Tooling exchange is very quickly.
- Simple setting and operating.
- Several types available, options for specials.



## AUTO-EXPAND AE-65 / AE-75-T / AE-85-T TUBE END FORMING MACHINES

The AUTO-EXPAND AE-65 / AE-75-T / AE-85-T tube- / pipe end forming machines expand or reduce the ends from tubes and pipes. The idea with expanding is with a gliding tapered mandrel or reducing with allround segmented tooling.

It has a lot of benefits towards the "ram-type" tube end forming machines like:

- Complete variabel size setting makes it that the machine tools needed are less.
  - Short tube lenghts can be formed because you don't need lenghts for clamping.
  - Forming close or in an elbow is possible.
  - The normal operating time from the machine is 2 - 5 seconds.
  - The exchange of the machine between expand or reduce can be done simple in approximately 30 seconds.
- Exchange of the different sizes tooling in the tooling holders can be done in a couple of minutes, which results in a minimum of 'downtime' and a lot of production time. Settings and operating are manual.  
A heavy duty foot switch controls the operating cycle, leaving both hands free for handling the tube / pipe.



Model	AE-65	AE-75-T	AE-85-T
Maximum pipe diameter	Ø 115 mm	Ø 115 mm	Ø 115 mm
Pump motor	7.5 HP / 5.5 KW	7.5 HP / 5.5 KW	7.5 HP / 5.5 KW
Ram force	11 - 15 Ton	11 - 15 Ton	11 - 15 Ton
Hydraulic pressure	170 Bar	140 Bar	140 Bar
Power	400 V / 3 phase / 50 Hz	400 V / 3 phase / 50 Hz	400 V / 3 phase / 50 Hz
Average operating time	2 - 5 seconds	2 seconds	2 seconds
Working height	1070 mm	1030 mm	1030 mm
Sizes LxWxH	730 x 663 x 1175 mm	1008 x 640 x 1150 mm	1008 x 770 x 1150 mm
Number of heads	1	1	2

