

Model Name Designations

KE-□□□-□□

No code:No loader
S With loader for longer pipes
P With loader for shorter pipes

number of punch(standard;3punch)

No code:punch & dies type
S Rotary spinning(Tool rotating)
R Rotary beading(Tool rotating)

No code:Single head
D Dual head

Tube/pipe O.D.

Technical Data

Model/Spec		KE-10	KE-15	KE-20	KE-25	KE-30	KE-40	KE-50	KE-60	KE-80	KE-100
Tube/pipe O.D.xWall thickness (φ×t) mm		12×0.8	16×1.0	20×1.6	25×1.6	30×2.0	40×2.0	50×2.0	60×2.5	80×2.3	100×3.0
Clamp CYL	size (φ) mm	63	63	80	100	100	125	140	160	180	200
	pneu./hyd.	pneu.	pneu.	hyd.	hyd.	hyd.	pneu.	hyd.	hyd.	hyd.	hyd.
	toggle/direct pressure	toggle	toggle	direct pressure	direct pressure	direct pressure	direct pressure	direct pressure	direct pressure	direct pressure	direct pressure
Punch CYL pneu./hyd.	size (φ) mm	125	80	100	100	125	140	160	160	180	200
	pneu./hyd.	hyd.	hyd.	hyd.	hyd.	hyd.	hyd.	hyd.	hyd.	hyd.	hyd.
Punch Thrust(ton force)		0.5	3	4.5	5	7	10	15	20	30	45
hyd./pneu.unit		0.5MPA	2.6KVA/40L	6.3KVA/100L	9.4KVA/100L	9.4KVA/100L	12.8KVA/150L	18.7KVA/200L	18.7KVA/200L	18.7KVA/200L	18.7KVA/200L
Control mode		Sequencer control(PLC)									
Speed	1Punch	approx.3sec		approx.5sec				approx.10sec		approx.15sec	
	2Punch	approx.5sec		approx.8sec				approx.18sec		approx.26sec	
	3Punch	approx.7sec		approx.12sec				approx.26sec		approx.37sec	

Please contact us for more information.

COMCO CORPORATION

92-1 Matsuda,Takaoka-cho,Toyota,Aichi,
473-0933,Japan

Headquarters TEL +81-565-51-1111
FAX +81-565-51-1030

OKA Division TEL +81-565-51-1112
Tube Machinery Division TEL +81-565-53-5777

[Tokyo Branch]
1-12-48 Takasago,Souka,Saitama,340-0015,Japan
TEL +81-48-920-2001 FAX +81-48-920-2121
[Osaka Branch]
2-10 Misono-cho,Kawasanishi,Hyogo,666-0013,Japan
TEL +81-72-756-8121 FAX +81-72-756-8131

COMCO EUROPE s.r.o.

SEDMIDOMKY 457/4, 101 00
Prague 10 , Czech Republic
TEL +420 222 352 820
FAX +420 222 352 831

COMCO(ASIA) CO., LTD.
CREADS ASIA PACIFIC
CO., LTD.

899/26 Moo 21 Soi Chongsiri
Parkland, Klong Ar-Zeer Rd.,
Bangpleeyai, Bangplee,
Samutprakarn, Thailand 10540
TEL +66 (0)2 313 3774
FAX +66 (0)2 313 3776

COMCO USA, Inc.

1105 Myatt Blvd.
Madison, TN 37115, USA
TEL +1 615 860 7733
FAX +1 615 860 5256

Representative office in Indonesia.

Level 30, South Tower, Sampoerna
Strategic Square, Jl. Jend. Sudirman
Kav 45-46, Jakarta, Indonesia
12930
TEL +62 (0)21 2993 0950
FAX +62 (0)21 2993 0888

Shanghai OKA-COMCO, Inc.
Shanghai Jingyan Trading Inc.

No. 12 Building 1st floor, No999, Jiangyue
Road, Minhang District, Shanghai, China
TEL +86 (0)21 5433 8801
FAX +86 (0)21 5433 8802

[Contact Office]
Delta Silicon 3 Kavling F25-01A,
Lippo Cikarang, Bekasi 17530
Jawa Barat, Indonesia
TEL +62 21 8991 1393
FAX +62 21 8991 1398

The engineering of the only one in the world.



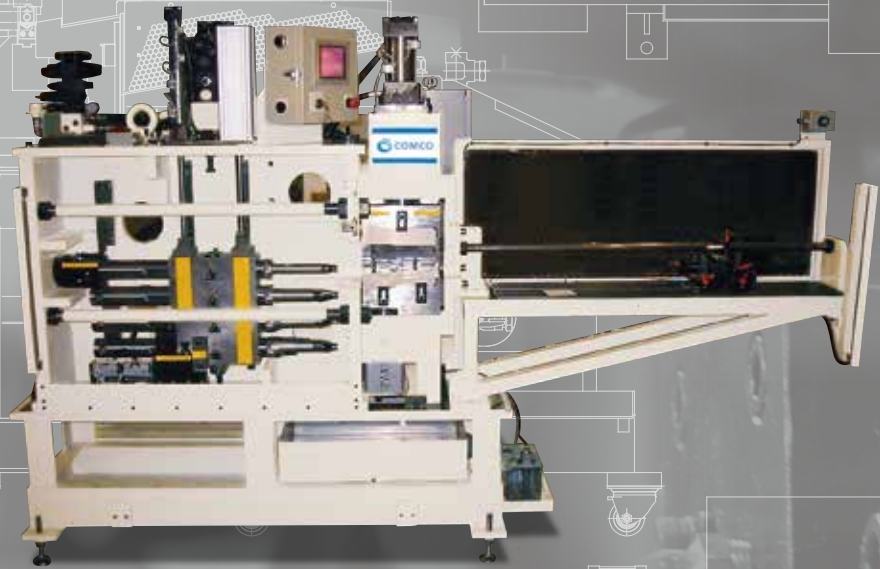
The machine model and specification could be changed without prior notice.



COMCO Corporation
Tube Machinery Division

KE series
End Former

Tube(pipe) forming is necessary in the manufacture of a wide variety of products, including automobiles, boats, home appliances, and furniture. Functions covered by the Tube Machinery Division include the development, manufacture, and sale of various types of processing machinery based on unique technologies such as tube(pipe) benders, tube(pipe) and formers, and tube(pipe) cutters. We also develop custom-made machines ideally suited to meet customer needs and offer system support, resulting in total engineering solutions that can meet any customer demand.



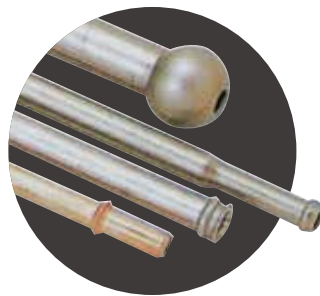


KE series End Former

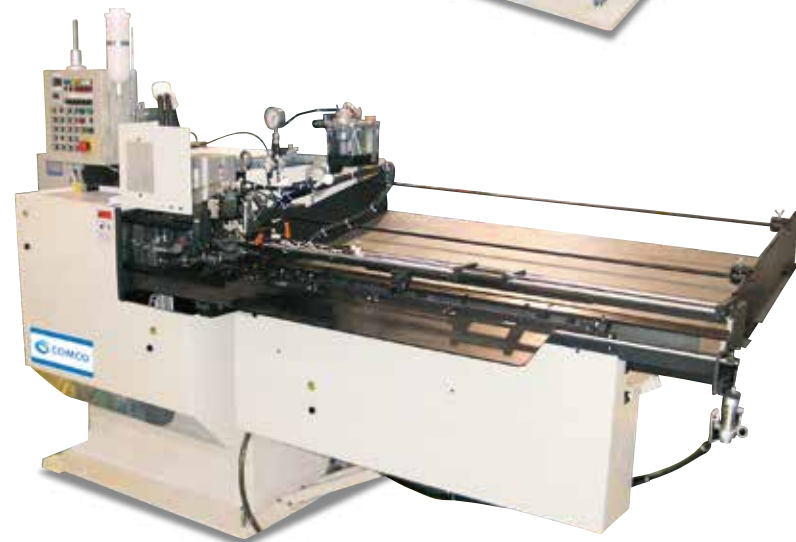
High accuracy and productivity

KE-10~25model

Expanding and reducing pipes with punches & dies. High accuracy & high productivity. Quick & easy cangeover. Capable of forming various shapes. Proven standard designs



Short length product feeder



Long length product feeder

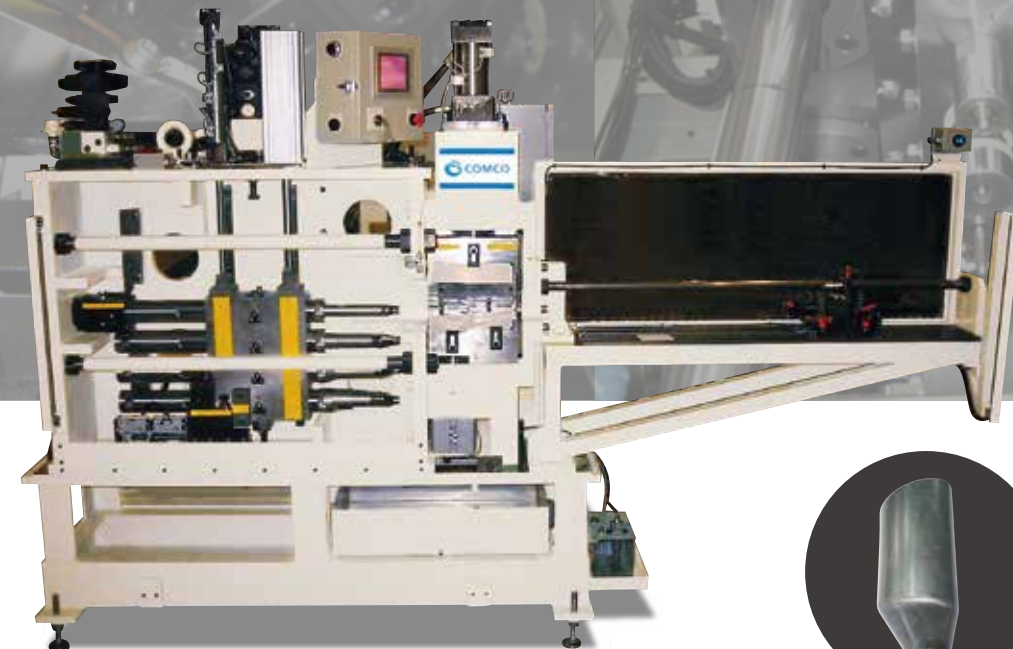
Dual head end former



Option

- Automatic nut insertion system
- OD/wall thickness inspection
- Punch rotation system
- Lubricator
- Automatic unloader for short tubes/pipes(arm type)

Please contact us for more information



KE-30~100model

Custom Designs available. Proven standard designs. High speed, high power.



Formed by standard expander



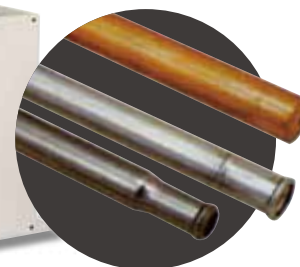
Formed by eccentric expander

Rotary end former (beading)

A tube is formed by tool decentring. Because a tube is not rotated, accuracy is much higher and a tube is processed without clamp scratches.



Rotary beading

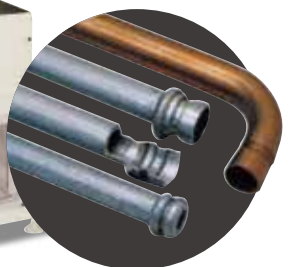


Rotary end former (spinning)

Owing to processing by forming rollers, a bigger form product can be processed without scratches and surface roughness as possible.



Rotary spinning



Work



Expanding



Swaging



Flaring



Fan-shaped



Spinning



Beading



Beading bulge



Beading bulge(solid)



Spinning