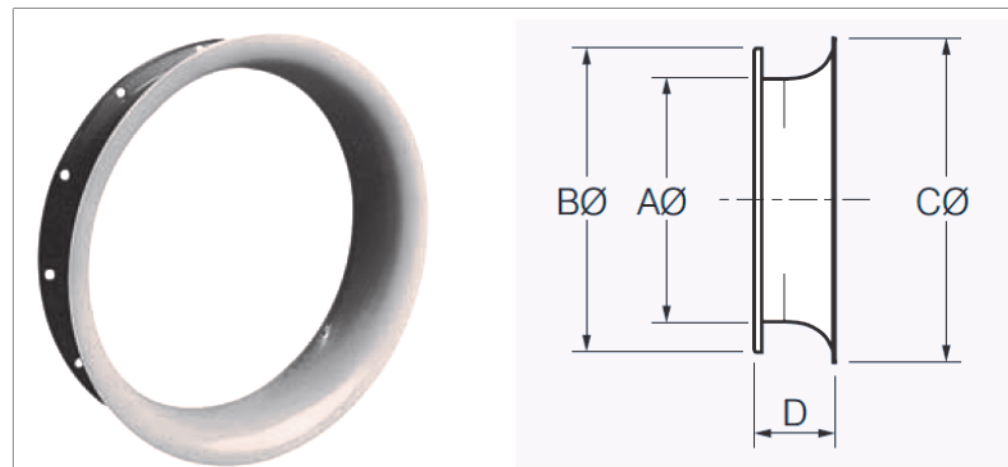


LUCAS SOLUTIONS FOR INDUSTRIAL VENTILATION



consulting
sales
design
production

LUCAS

Lucas S.r.l. with over forty years of innovation in the production of machines for sheet metal processing is proposed as a supplier and partner for:

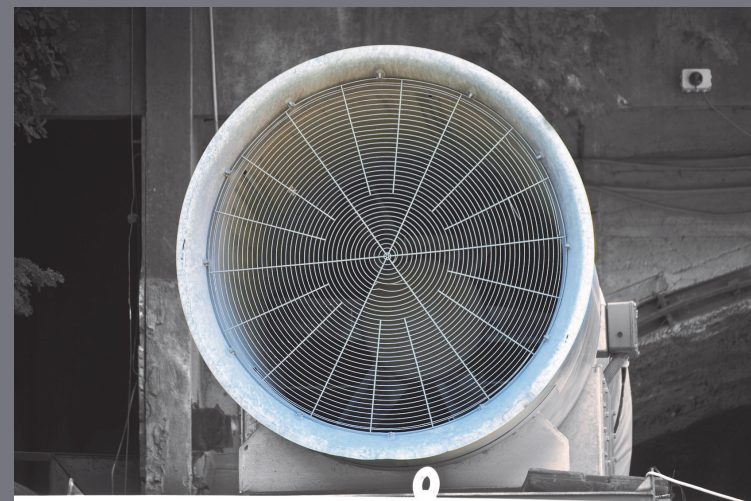
- Circulars shears / beading machines for circular tank ends
- Circulars shears / beading machines for circular and polygonal tank ends
- Trimming -beading machines
- Special machines / combo
- Machines designed to customer specifications
- Tube lock seamers
- Machinery sector ventilation
- Complete production lines

LUCAS OFFERS ALL ITS EXPERIENCE AT THE SERVICE OF ITS CUSTOMERS REGARDING

- ⇒ help the customer in choosing the best equipment for its specific use
- ⇒ bespoke design for unique technical demands
- ⇒ sampling and feasibility studies at its laboratory

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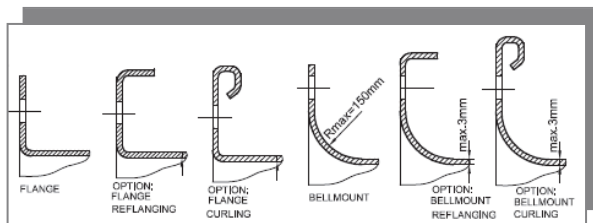


Flanging machines for industrial fans VBH

Flanging
Punching
Stiffening re-flanging

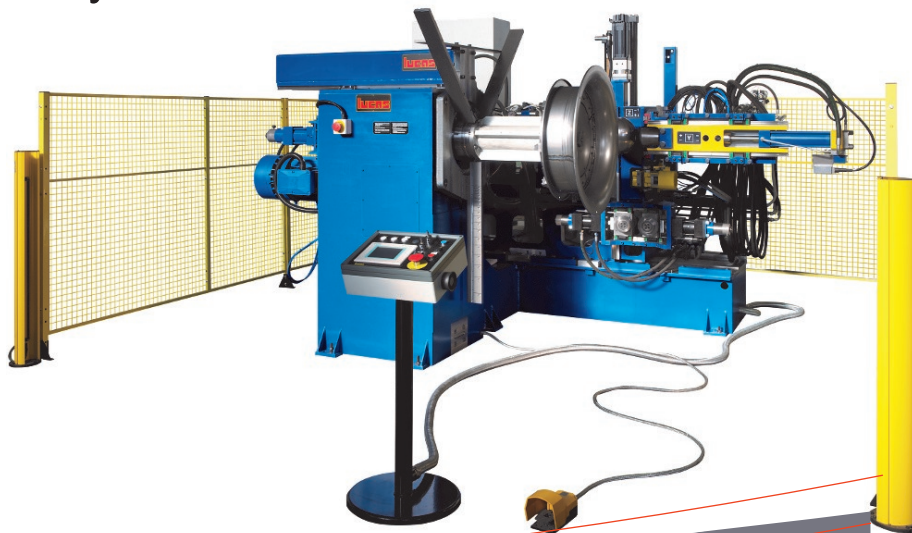
WHY LUCAS?

- COMPETENCE
- EXPERIENCE
- FLEXIBILITY
- RELIABILITY



Designed to meet the requirements of more and more sophisticated customers, it satisfies many diverse beading needs especially in the field of industrial ventilation. The machine performs roller flanging operations through two controlled axes units for flanges up to 300 mm radius (also multiple radii). In a single piece fixing operation, it performs also the punching operation and a further beading operation to stiffen it on the flange. The latter can be straight or rounded (curled).

A flexible solutions for your business needs



FAST SETUP

All working units are driven by servo motors. The operator has just to recall the program and to change the clamping tools

ACCURACY

The excellent superficial finishing of the flange, the high precision of punching, make this machine an indispensable complement for the operators in the field ventilation. To improve the aesthetics, safety, and the rigidity of the flange. BH can run - on request - a curled stiffening re-flanging.

SAFETY

Two-handed control button on swivelling console, safety guards at the sides and at the rear of the machine, safety light guard at the front of the machine.

INNOVATIVE TECHNOLOGICAL SYSTEMS FOR THE HIGH QUALITY FLANGING
Over 100 machines sold worldwide in the field on industrial ventilation

LUCAS

Flanging machines for axial fans ROTOR 3

Flanging
Punching
Stiffening re-flanging

Machine suitable for flanging, punching (on request) and stiffening closed re-flanging on ferrules (on request).

The machine can do all the a.m. operations with only one positioning of the piece.

The piece is clamped directly on the spindle through an expansion equipment which is provided with interchangeable sectors that can be easily manufactured.

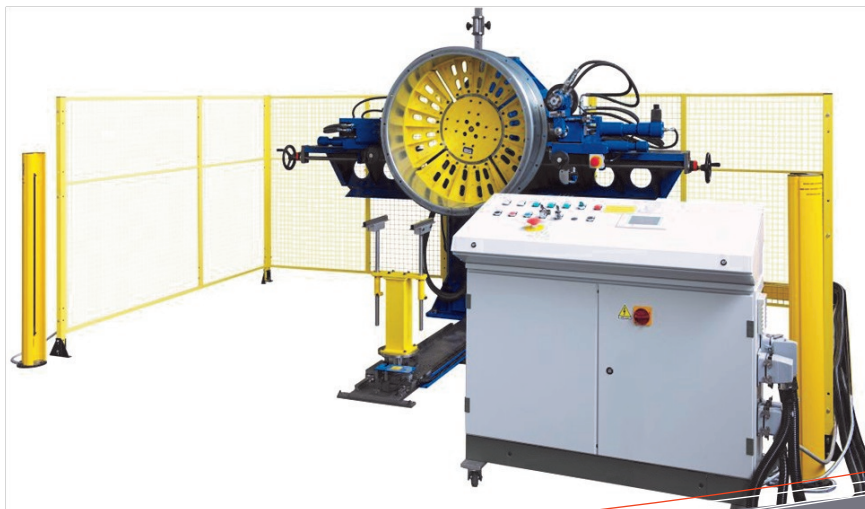
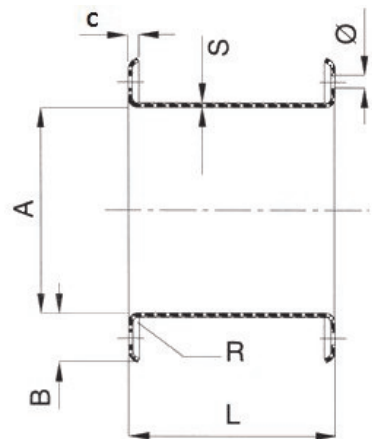
The flanging-punching and closed re-flanging units are positioned in radial sense respect to the work piece and their positioning is easy and quick thanks to some handwheels and mechanical position indicators.

Some mechanical shoulders with direction indication of dimension provide to centre the work piece in axial sense; therefore, adjusting them you may change the flanging height.

Flanging and closed re-flanging operations are done by motorized rolls with hydrostatic system, while the motorization of the punching operation is driven by a d.c. motor, reducer and encoder; this all is controlled by an easy positioning device.

WHY LUCAS?

- COMPETENCE
- EXPERIENCE
- FLEXIBILITY
- RELIABILITY



Reliable
solutions for
your business
needs



RELIABILITY

Over 40 machine working worldwide! Practicality is another strong point of the Lucas flanging machines and results in ease of use of the machinery. The Rotor 3 requires very little maintenance and settings

SAFETY

Two-handed control button on swivelling console, safety guards at the sides and at the rear of the machine, safety light guard at the front of the machine.

INNOVATIVE TECHNOLOGICAL SYSTEMS FOR THE HIGH QUALITY FLANGING
Over 100 machines sold worldwide in the field on industrial ventilation

lucas

Flanging machines for axial fans VBU 2200 (AXIAL FANS)

Flanging
Punching
Stiffening re-flanging

In collaboration with some company specialized in the production of axial fans, Lucas produced a series of machines equipped for flanging and punching circular ducts in one positioning of the workpiece, .

In particular Lucas has developed a machine that, just performs the flanging with different flanging radii up to 100 mm radius. The same machine on request can carry out a stiffening re-flanging.

WHY LUCAS?

- COMPETENCE
- EXPERIENCE
- FLEXIBILITY
- RELIABILITY



Customized
solutions for
your business
needs



RELIABILITY

Fast and simple to use, such as for example the quick tool change feature and its user friendly machine programming

LONG LIFE

long tool life due to a sturdy construction of the working units with a particular attention to the sliding both for “hydraulic” or “electronic” control of stroke by “brushless” motor and guiding by recirculating balls screws .



INNOVATIVE TECHNOLOGICAL SYSTEMS FOR THE HIGH QUALITY FLANGING
Over 100 machines sold worldwide in the field on industrial ventilation

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