www.ocshydraulics.com

OCS

Shaping your power

Designing and manufacturing hydraulic cylinders
OCS is among the companies which built up the hydraulics business in Italy. Founded in 1969 as Oleodinamica Modenese it grew along the years specializing later as hydraulics cylinders manufacturer, thus offering now an high quality product, starting from the initial design till the final realization. Thanks to the specific know-how built upon the experience in such sector, OCS supplies tailored solutions for every need. A further milestone reached in 2015 is the entering of OCS in the Diplomatic Group which will grant a further growth even on the international markets.
Being part of Duplomatic Group, allows OCS to improve its quality standards.

OCS is certified:
- ISO 9001:2015 for production and designing
- UNI EN ISO 3834-2:2006 for welding operations

OCS can also perform:
- tests on materials for chemicals, stress and resilience
- not destructive tests for welding (penetrating fluids, magnetoscopic, X-ray, ultrasound).

A clear choice: high quality
The experience acquired during over 40 years of activity, is nowaday supported by the most advanced designing systems as 3D modelling with structural calculations. The partnership with the University of Modena allowed OCS to develop specific programs for cylinders’ structural calculations and braking systems. OCS can design special cylinders according to the different applications requirements:

- Cylinders with on board valve manifolds
- Internal transducers
- Special materials for high and low temperatures
- Harsh and hazardous environments.
In order to offer our customers a real competitive advantage, we share with the entire engineering team of Duplomatic Group the most advanced innovations within the hydraulics.
Production capabilities and technology

Our challenge is shaping our customers’ projects, being competitive, fast and flexible. Therefore our machineries are connected to the production departments through modern CAM systems. OCS can produce these cylinders:

- Bore up to 500 mm and length up to 8’000 mm
- Working pressure up to 450 bar and testing up to 650 bar
- Special materials upon request
- Special treatments and finishing for harsh environments
- Internal transducer equipped
- On board control valves

The highly organized production allows OCS to implement in accordance with its customers, new logistic solutions, thus optimizing the stock and orders management.

OCS produces cylinders of diameter up 500 mm and lengths up to 8,000 mm
OCS cylinders are used within various industries. Our target is leveraging every past experience to improve the projects of the future. On the following pages are shown different applications of our cylinders:

1. Lifting
2. Constructions
3. Drillings
4. Mines
5. Special loads handling
6. Railways
7. Defence
8. Shipyards
9. Off-Shore
10. Heavy industry
11. Presses
12. Paper mills