

## DOMED JACKS

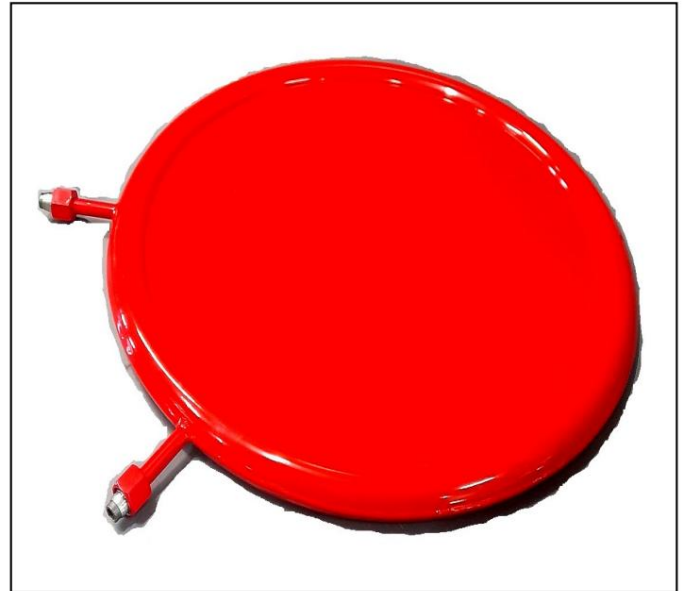
### Description

GESTECNO flat jacks are made with the watertight union of two steel sheets special, 1.2 mm thick appropriately shaped with a mold and press.

The maximum normal stroke of the jack is equal to 25 mm. When a greater stroke is required the simplest solution is to superimpose two or more jacks.

The force applied by a flat jack depends from its actual working area. This force is equal to:  $P \times S$ , where  $P$  is the pressure and  $S$  the effective area of the jack, which depends on the expansion of the jack and the type of filling plates used. Within the travel limits defined in precedence, the change in effective area compared to expansion is not significant for most part of the applications.

On request, special versions can be supplied with shape, size and tightness according to specifications of the Customer.



### Technical features

|                           |                          |
|---------------------------|--------------------------|
| Maximum external diameter | 425 mm                   |
| Effective area diameter   | 370 mm                   |
| Material                  | 1.2 mm thick steel sheet |
| Max operating pressure    | 150 bars                 |
| Race                      | 25 mm                    |
| Nominal strength          | 1600 kN                  |
| External finish           | powder coating           |
| Diameter of the tubes     | 10 mm                    |

### Ordering Information

| CODE    | PRODUCT DESCRIPTION         |
|---------|-----------------------------|
| CPT-643 | Domed jack, diameter 425 mm |

### For more information:

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