FORMWORK FOR ROUND COLUMNS



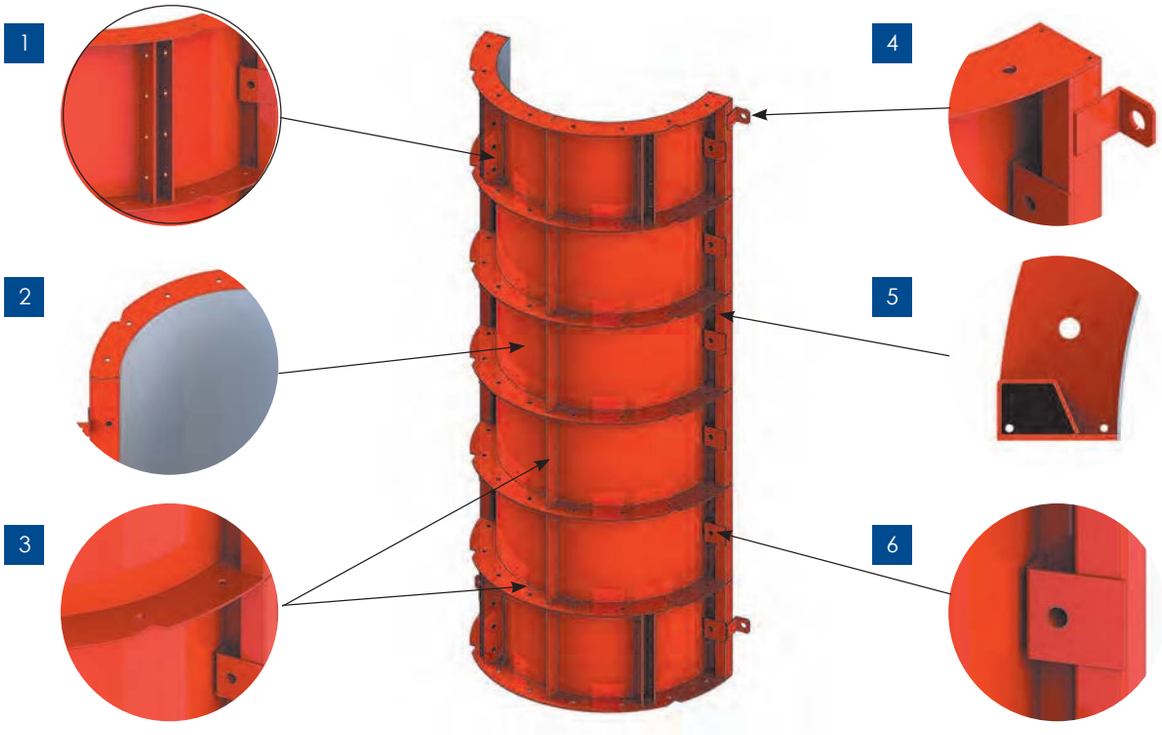
Metal formwork for circular columns PSK-DELTA for civil, industrial and bridge construction is designed for the formation of columns with a diameter of 200 to 3000 mm, with increased requirements for turnover and quality of the concrete surface.

Standard sizes of circular panels

Height: 500 mm; 1000 mm; 1500 mm; 2000 mm; 2500 mm and 3000 mm. **Radius:** from 100 mm to 1500 mm, in increments of 50 mm. A column segment in height can consist of two 180° radius panels, or four 90° radius panels.

Features of circular panels

- Thanks to their design features, radius panels are fully compatible with PSK-DELTA wall formwork, and allow monolithic work to be carried out quickly and efficiently.
- Reinforced construction of panels and powder painting ensure long service life and high quality of the concrete surface.



1. A special comb acts as an additional stiffening rib, and also serves for simple and quick installation of the straightening stop, without the use of an additional headrest.
2. Sheet steel 3 mm thick is used as a forming surface in the panels.
3. Horizontal and vertical stiffeners are made of steel with a thickness of 8-6 mm. The horizontal ribs have holes for mounting attachments and cutouts for easy storage.
4. The transport pad allows for quick loading and unloading operations.
1. A special steel profile 3 mm thick with polymer powder coating allows the use of a universal formwork lock.
2. To speed up installation work, the vertical profile is equipped with special contact plates 6 mm thick with welded bushings, which allows the use of various methods of fastening the formwork panels.

CONNECTION OF RADIUS SHIELDS



Using a universal lock
The universal lock is the main connecting link when installing the formwork; in addition, the lock allows you to install extensions of up to 100 mm, which is especially important when forming pylons.



Using a kingpin for round columns Delta type 2
The Delta type 2 round column pin has been specially designed for fastening two radius panels via contact plates in the profile.



Combined fastening method

The combined method uses universal locks and pins







Pylon formwork - linear and circular formwork panels Delta.



An example of formwork for an inclined column using standard circular panels and special inclined extensions.