

Production cooperation.
Transmissions, reducers and toothed gearings



Over the period of 85 years Novokramatorsky mashinostroitelny zavod has gained wide experience in design, manufacture, complete delivery and aftersales service of the drives and speed reducers for various machines and mechanisms both for our country and CIS and non-CIS countries. Powerful production, research and experimental facilities, state-of-the-art machinery, advanced technologies, wide-spread application of computer-aided design and manufacturing, skilled professionals ensure the construction of high-quality up-to-date reducers within the shortest possible time

- General purpose parallel-shaft reducers:
 - single-stage reducers with C/C distance - 355... 1250 mm.
 - two-stage reducers with low-speed range C/C distance - 400...1250 mm.
 - three-stage reducers with low-speed range C/C distance - 400...1250 mm.
- Large size single and two-stage parallel-shaft reducers with C/C distance up to 2700 mm..
- Pinion stands with C/C distance - 500...1400 mm.
- Parallel-shaft worm and single-stage cone-worm reducers with top, bottom and lateral implementation of the worm to the gear and C/C distance - 63...630 mm.
- Parallel-shaft worm and two-stage cone-worm reducers with low-speed range C/C distance - 160...400 mm.
- Combination two-stage worm and cylindrical worm reducers.
- Single, two and three-stage epicyclic-gear-train reducers with vertical and horizontal output shaft implementation. Output torque – up to 1000 kNm.
- Reducers for mine winders:
 - double-drive reducers: ИО-14, ИО-16, ИО-18, ИО-22; 2ИД-2200 with C/C distance - 1400 mm; 1600 mm; 1800 mm; 2200 mm.
 - two-stage reducer ИД-20 with total C/C distance - 2000 mm, and gear ratio - 20.
- Two-stage right-angle reducers:
 - with low-speed range C/C distance up to 1250 mm. Transmission capacity – up to 1000 kW.
 - with in-line backstop arrester.
- Gear wheels and pinion shafts of cylindrical, bevel, worm and other types.
- Gear-type clutches for shafts connection with diameter 30...1000 mm.
- Reducers for actuating of bucket wheel, walking and crawler-mounted excavators, trunk conveyors, underground railway escalators.
- Design engineering and manufacturing of reducers for imported equipment.