



«DNIPROPOLYMER MASH» PJSC

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Since foundation in 1967 “Dnipropolymer mash” PJSC is the leading Ukrainian manufacturer of press-molds for tires, stamps, optional equipment and steel heavy structures as well as units and parts of common forging (steel 20, steel 35), structural (40CrNi, 45, 12CrNi3-A), high alloy (5CrNiMn, Cr12MnV, 40CrNi2Mn-A) steels and other grades according to GOST standards and specifications with further finishing and semi-finishing.

Today “Dnipropolymer mash” PJSC is active working with Ukrainian and CIS factories, manufacturing and repairing production for next industries:

- Equipment for mining and cement industry (trolleys, reduction gears, rollers)
- Equipment for chemical and sintering industry (valves, straight-tube steam generator)
- Loading equipment (grab, traverse and others);
- Optional equipment, assembles and components according customer’s drawings
- Equipment for OIL&GAS industry (drilling mud pumps; cable hoists)

Today Dnepropolymer mash PJSC does actively updating of its machine pool.

CNC group. Finish class of up to Ra 1.6, positioning precision of 0.01 mm.

- *Milling portal machining center Doosan DCM 2760W* (length of up to 6,250 mm, width of up to 3,200 mm, height of up to 2,350 mm)
- *Milling group Doosan DNM 650* (length of up to 1,100 mm, width of up to 600 mm, height of up to 600 mm)
- *Milling group VF-1P* (length of up to 2,000 mm, diameter of up to 400 mm, height of 600 mm)
- *Turning group Doosan/PUMA 480 XLM* (length of up to 3,065 mm, diameter of up to 650 mm)
- *Processing center Doosan DBC130L* (axis stroke X 4,000 mm, Y 2,300 mm, Z 2,000 mm), spindle revolution rate of up to 2.4 thousand rpm.
- *Processing center Doosan DBC130* (axis stroke X 3,000 mm, Y 2,000 mm, Z 1,600 mm), spindle revolution rate of up to 2.5 thousand rpm.
- *Processing center Doosan DBC110S* (axis stroke X 2,500 mm, Y 2,000 mm, Z 1,500 mm), spindle revolution rate of up to 4 thousand rpm.
- *Processing center PRAGMA* (axis stroke X 4,000 mm, Y 2,000 mm, Z 1,200 mm), spindle revolution rate of up to 20 thousand rpm.
- *Turning-and-boring mill with milling function Doosan/PUMA VTS1620M* (diameter of up to 2,000 mm, height of up to 1,556 mm, workpiece weight of up to 10,000 kg.)

Punching group.

Turret punch press AMADA FC2410 NT with positioning precision of 0.01 mm \pm 3%, punching force of 200 kN and gage of up to 6 mm.

Turning group. Processing diameter of up to 5,000 mm, equipped with tracing attachment. Maximum turning length of up to 2,800 mm.

Milling group with processing diameter of up to 500 mm, length of up to 8,000 mm.

Surface lathe group. Processing diameter of up to 2,000 mm with CNC.

Milling group. Portal milling and boring machine with precision bore Waldrich Coburg with processing width of up to 2,500 mm, height of up to 2,000 mm, length of up to 8,000 mm.

Boring group.

Processing height of up to 3,000 mm, width of up to 4,000 mm, boring depth of up to 2,000 mm.

Cylindrical grinding group. Processing diameter of up to 560 mm, width of up to 4,000 mm.

Surface grinding group.

Processing width of up to 600 mm, height of up to 500 mm, length of up to 2,000 mm.

Tooth cutting group.

Diameter of up to 500 mm, length of up to 2,500 mm, max module 20; diameter of 2,000 mm, height of 560 mm, max module 20.

Heat treatment area:

we are able to perform quenching, annealing, normalization and solid carburizing.

- Furnace SDO 20.40.15/10 for annealing of welded structures (length of 3,800 mm., width of 2,100 mm, height of 1,500 mm, treatment load weight of 10,000 kg).
- Furnace SShO 6.30/10 for heat treatment of parts (length of 3,000 mm, diameter of 1,600 mm, treatment load weight of 2,000 kg).
- HF-current unit GMKIA 200 AB (length of 2,700 mm, diameter of 1,200 mm, treatment load weight of 500kg).

Hydraulic 3-roll sheet bending machine EMO-30-60, made in Italy.

- Sheet material – carbon and alloy steel, copper, aluminum, stainless steel.
- Ring diameter – 750 to 5,000 mm.
- Sheet width – up to 3,000 mm.
- Sheet thickness – up to 100 mm.

Technical capabilities of machine allow to produce conical articles:

- continuous bending – approximately 65% of bending capabilities;
- pressing – almost 100% of bending capabilities.

Equipment of metal structures shop:

- guillotine shears – cutting of metal with thickness of up to 25 mm;
- belt-saw machine – cutting of rolled and forged products of Ø500 mm;
- CNC flame cutting machine allows to produce parts of any form of stainless steel of up to 20 mm, of common steel – of up to 260 mm, precision ± 1.0 mm;
- metal bending in the profile bending machine – channel of up to No. 14;
- automatic and semi-automatic welding in carbon dioxide environment under the layer of fluxing agent allows welding any and all commercial and civil spatial structures and pressurized vessels;
- through-type shot blasting chamber HP 1220-8, manual shot blasting chamber for processing of oversized articles.

Sincerely yours,

Commercial director

Strizhak A.Y.

