

Founded in 2000

# DPL

Development. Progress. Loyalty

 [dpl-foundry.com](http://dpl-foundry.com)

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## Introduction

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**Dear partners and colleagues!**

**We are pleased to welcome you on the pages of our catalogue.**

**“DPL” is creativity and resourcefulness, continuous development, a unity of like-minded people, sharing similar vision of the tomorrow.**

**We are here to grow, to realize the most daring production projects and to aid you to embody your ideas into reality.**

## About us



**DPL LLC – modern foundry, certified according to the standard ISO 9001: 2015.**

**Due to the high level of technological equipment, as well as own production of cores the company has become one of the leaders in the market of manufacturing cast components, made from of high-strength cast iron, gray cast iron, alloyed cast irons, heat-resistant steels and other types of steels.**

**Working with us, you will receive a comprehensive casting thanks to the accompanying services:**

- ✓ production of mold pattern,
- ✓ machining,
- ✓ hot-dip galvanizing,
- ✓ paint covering, packing and many other.

**Accepting orders for casting - we perform services at the agreed time and to ship products of the required quality.**

**Years of experience and constant widening of product range confidently indicate that purchasing of our products would be the right strategic solution.**

# Production technologies



**Two green sand molding line with application of flaskless molding machines FBO-II R mfg. HEINRICH WAGNER SINTO MASCHINENFABRIK GmbH (Germany) and FDNX mfg. SINTO SINTOKOGIO Ltd (Japan) .**

- Casting size 460 mm x 360 mm.
- Casting height - up to 400 mm.
- Casting weight - 0.2 kg to 20 kg.
- Production rate - 120 molds per hour by each line.

**Vacuum-film molding casting line on the base of the facility VDT-6 mfg. HEINRICH WAGNER SINTO MASCHINENFABRIK GmbH.**

- Casting size 1550 mm x 1200 mm.
- Casting height - up to 800 mm.
- Casting weight - 50 kg to 2500 kg.
- Production rate - 6-10 molds per hour.

**Machining department and production of mold pattern equipment** with the help of modern multiaxis NC machining centers: AWEA, KITAMURA, Makino, Schuster, Doosan, Mazak, EMAG (Germany, South Korea, Japan, Taiwan).





The result of years of the introduction of principles and methods of quality management in production has become the certification of quality management in accordance with ISO 9001: 2015 one of the most authoritative and rigorous auditors - BUREAU VERITAS (France).

Modern production standards and high quality of finished products are confirmed by the quality management system ISO 9001:2015 and are provided with the presence of modern equipment, the highly skilled personnel, own certified laboratory and adherence to technological discipline at all stages of production.

## ENGINEERING INDUSTRY



**Steering  
knuckle**

Material:  
EN-GJS-400-15  
Weight: 3,00 kg



**KrAZ brake  
drum 6505**

Material:  
EN-GJL-200  
Weight: 62,6 kg



**Slew drive  
body**

Material:  
EN-GJS-450-10  
Weight: 20,17 kg



**Steering  
knuckle**

Material:  
EN-GJS-400-15  
Weight: 2,85 kg



**KrAZ  
axle case**

Material:  
DIN 1.0552  
Weight: 125 kg



**Brake disk**

Material:  
EN-GJS-420-12  
Weight: 3,00 kg

## RAILWAY INDUSTRY



**Coupling  
cock body**

Material:  
EN-GJL-200  
Weight: 2,4 kg



**Axle  
box body**

Material:  
DIN 1.0443  
Weight: 61 kg



**Car  
cushioning  
unit body**

Material:  
DIN 1.1165  
Weight: 63,7 kg



**Rail  
shoulder**

Material:  
EN-GJS-420-12  
Weight: 1,3 kg



**Airline  
connector  
housing**

Material:  
EN-GJS-450-10  
Weight: 1,3 kg



**Lock**

Material:  
DIN 1.0443  
Weight: 12,7 kg

## MINING INDUSTRY



**Special nut  
22x8**

Material:  
DIN 1.0443  
Weight: 0,29 kg



**Grating plate**

Material:  
DIN 1.4826  
Weight: 10 kg



**Winder truck**

Material:  
DIN 1.1165  
Weight: 14,8 kg



**Winder  
scraper**

Material:  
DIN 1.1165  
Weight: 13,7 kg



**Chain link**

Material:  
DIN 1.4826  
Weight: 15,5 kg



**Special nut  
27x13**

Material:  
DIN 1.0443  
Weight: 0,3 kg



## CONSTRUCTION INDUSTRY



**Coupling  
nut  
D90**

Material:  
EN-GJS-420-12  
Weight: 0,41 kg



**3-ring  
release  
system lock**

Material:  
EN-GJS-400-15  
Weight: 3,1 kg



**General  
purpose lock**

Material:  
EN-GJS-400-15  
Weight: 4,4 kg



**Fitting**

Material:  
EN-GJS-500-7  
Weight: 0,28 kg



**Tip**

Material:  
EN-GJS-420-12  
Weight: 1,25 kg



**Collar**

Material:  
EN-GJS-420-12  
Weight: 1,25 kg

# POWER TRANSMISSION LINE (PLT)



**Hanger  
clamps**

Material:  
EN-GJS-420-12  
Weight: 2,98 kg



**Socket  
clevis  
Y1-7-16**

Material:  
EN-GJS-420-12  
Weight: 0,61 kg



**Insulator cap  
Y120**

Material:  
EN-GJS-500-7  
Weight: 1 kg

**Ukrainian Modern Foundry**



**PGN bracket**

Material:  
EN-GJS-420-12  
Weight: 1,2 kg



**Socket  
clevis  
Y2-7-16**

Material:  
EN-GJS-420-12  
Weight: 0,9 kg



**GGU load**

Material:  
EN-GJS-420-12  
Weight: 2,3 kg

## AGRICULTURAL INDUSTRY



**Frontal  
counter-  
weight**

Weight: 50 kg



**Wheel  
counter-  
weight**

Weight: 1000kg



**Frontal  
counter-  
weight**

Weight: 2500 kg



**Wheel  
counter-  
weight**

Weight: 454 kg



**Counter-  
weight  
bracket**



**Rotor bar**

EN-GJS-420-12  
Weight: 2,44 kg

## CONSUMER GOODS



**Cast-iron stove**

Material:  
EN-GJL-200  
Weight: 58 kg



**Burner stove**

Material:  
EN-GJL-200  
Weight: 10,35kg



**Lock case**

Material:  
EN-GJL-200  
Weight: 0,92 kg



**Shutter grate**

Material:  
EN-GJL-200  
Weight: 5,3 kg



**Stove door (ash-box)**

Material:  
EN-GJL-200  
Weight: 3 kg



**Луштилка кукурузы**

Material:  
EN-GJL-200  
Weight: 5,6 kg



## OTHER



**RMSF furnace grate holder**

Material: ASTM A319 Type D  
Weight: 4,06 kg



**Switch cover**

Material: EN-GJL-200  
Weight: 4,66 kg



**Flange**

Material: DIN 1.0558  
Weight: 9,6 kg



**Electric motor cover**

Material: EN-GJL-200  
Weight: 6,1 kg



**Housing**

Material: EN-GJL-200  
Weight: 10,6 kg



**Pump cover**

Material: EN-GJL-200  
Weight: 2,3 kg

Our equipment

# AUTOMATIC FLASKLESS MOLDING LINE



Line HWS FBO-II  
(Germany)

UKRAINIAN MODERN FOUNDRY  
DNEPROPROMLIT  
WWW.DPL-FOUNDRY.COM



Our equipment

# AUTOMATIC FLASKLESS MOLDING LINE



SINTOKOGIO,LTD.

## Line Sinto FDNX (Japan)

UKRAINIAN MODERN FOUNDRY  
DNEPROPROMLIT  
WWW.DPL-FOUNDRY.COM



Our equipment

## VACUUM-FILM MOLDING LINES



Line VDT-6 (V-Process)  
(Germany)

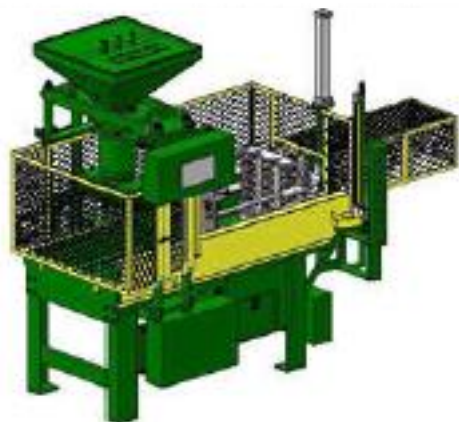


Our equipment

# MOLD CORES MANUFACTURING SHELL-PROCESS



Harrison Machine Co. LLC



**Single Station Shell Core Machines**

[Click for more information](#)



## Mold cores machines by HARRISON (USA)

UKRAINIAN MODERN FOUNDRY  
DNEPROPROMLIT  
[WWW.DPL-FOUNDRY.COM](http://WWW.DPL-FOUNDRY.COM)



Our equipment

# CAST IRON AND STEELS MACHINING



Vertical machining  
centers AWEA  
(Taiwan)

UKRAINIAN MODERN FOUNDRY  
DNEPROPROMLIT  
[WWW.DPL-FOUNDRY.COM](http://WWW.DPL-FOUNDRY.COM)



Our equipment

# CAST IRON AND STEELS MACHINING



**KITAMURA®**

The Premier Machining Center

**Horizontal machining  
center KITAMURA (Japan)**

UKRAINIAN MODERN FOUNDRY  
DNEPROPROMLIT  
WWW.DPL-FOUNDRY.COM



Our equipment

# CAST IRON AND STEELS MACHINING



**MAKINO**

**Horizontal machining  
center MAKINO (Japan)**

UKRAINIAN MODERN FOUNDRY  
**DNEPROPROMLIT**  
WWW.DPL-FOUNDRY.COM





Our equipment

# CAST IRON AND STEELS MACHINING



Horizontal lathing  
machining center  
**DOOSAN (South Korea)**

UKRAINIAN MODERN FOUNDRY  
**DNEPROPROMLIT**  
[WWW.DPL-FOUNDRY.COM](http://WWW.DPL-FOUNDRY.COM)



Our equipment

## CAST IRON AND STEELS MACHINING



Vertical lathing  
machining center  
**SCHUSTER (Германия)**

UKRAINIAN MODERN FOUNDRY  
**DNEPROPROMLIT**  
[WWW.DPL-FOUNDRY.COM](http://WWW.DPL-FOUNDRY.COM)



Our equipment

## CAST IRON AND STEELS MACHINING



# Mazak

Vertical milling  
machining center  
**MAZAK (Germany)**

UKRAINIAN MODERN FOUNDRY  
**DNEPROPROMLIT**  
[WWW.DPL-FOUNDRY.COM](http://WWW.DPL-FOUNDRY.COM)



Our equipment

# CAST IRON AND STEELS MACHINING



**2-position lathing  
machining center  
EMAG (Germany)**

UKRAINIAN MODERN FOUNDRY  
DNEPROPROMLIT  
[WWW.DPL-FOUNDRY.COM](http://WWW.DPL-FOUNDRY.COM)





Our equipment

## WOOD WORKING UNIT FOR MOLD PATTERN EQUIPMENT PRODUCTION



Wood working machining  
center WEEKE (Germany)

UKRAINIAN MODERN FOUNDRY  
DNEPROPROMLIT  
[WWW.DPL-FOUNDRY.COM](http://WWW.DPL-FOUNDRY.COM)





## Our equipment

### Production laboratory and measuring equipment



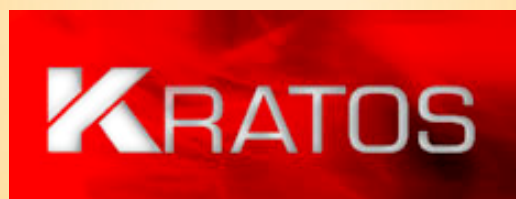
**FARO**



UKRAINIAN MODERN FOUNDRY  
DNEPROPROMLIT  
[WWW.DPL-FOUNDRY.COM](http://WWW.DPL-FOUNDRY.COM)



## Our Partners



**DPL**

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**Thank you for attention**

