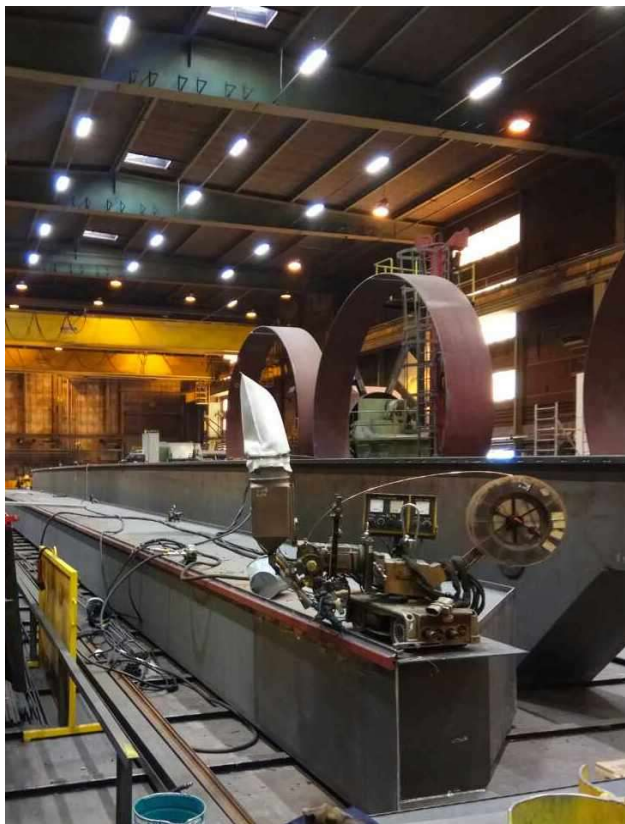


NORTH PRO

STEEL CONSTRUCTION





NorthPro is an Estonian capital based company founded in 2015.

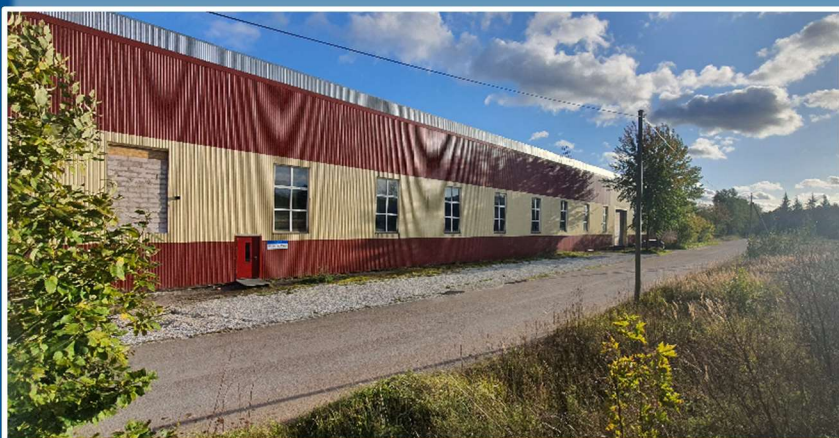
The main field of activity is production of various steel structures.

- building and support constructions;
- conveyors, chutes;
- stackers and reclaimers;
- pressure tanks/vessels, process equipment, gas ducts, silos acc. PED 2014/68/EU;
- rollers, conveyor galleries;
- ship structures;
- bridge elements;
- hoppers;
- feedwells;
- containers for various purposes;
- non-standard equipment and steel structures with unit weight up to 30 tons.





PRODUCTION CAPABILITIES



Manufacturing area: 5000m²;
Covered storage area: 2000m²;
Handling capacity: 30 tn/unit;
Steel construction 40 m x 6 m x 6 m;
max. dimensions per unit:

Shot-blasting chamber: 140m² (20m x 7 m x 6 m);
Spray painting chamber: 120m² (20m x 6 m x 6 m);
Spray painting area: 800m²
Production capacity: 1500 tn. per year;
Man-hours per month: 10000 m/h



NORTHPRO
STEEL CONSTRUCTION

TECHNICAL CAPABILITIES / SHEET METAL CUTTING

PLASMA CUTTING

Thickness up to 30 mm

Bed 2500 x 14000 mm

OXYFUEL CUTTING

Thickness up to 200 mm

Bed 2500 x 14000 mm





TECHNICAL CAPABILITIES – BENDING

Length of bend with thickness
up to 12 mm – 4200 mm
up to 30 mm – 500 mm





TECHNICAL CAPABILITIES - WELDING

- Welding processes: 111/121/135/136/138/141 (MIG/MAG, MMA, TIG, SAW);
- Welded materials: mild steel, stainless steel;
- ISO 9606 certified welders;
- International welding engineer (IWE);
- VT inspector Level 2;
- Full documentation package is arranged by our project team on customer request:
 - o WPQR, WPS
 - o Material traceability
 - o Weld map
 - o Dimensional control report
 - o Weld log
 - o Declaration of performance
 - o Weld plan
 - o Surface treatment/painting report
 - o VT report
 - o CE marking





TECHNICAL CAPABILITIES – HEAT TREATMENT

We perform local zone heat treatment on pipelines and structural parts with mobile heat treatment unit and produce heat treatment protocols.

- Pre-heating
- PWHT (post-weld heat treatment)



TECHNICAL CAPABILITIES - MACHINING

Drilling: $\varnothing 100$ mm

Milling: $L = 1050$ mm

Turning: $L = 3000$ mm, $\varnothing 600$ mm

We are also in cooperation with partner who helps us with complicated machining.

CNC horizontal boring-mill:

X-axis $L = 12000$ mm

Y-axis $L = 4000$ mm

Z-axis $Y = 1500$ mm

Rotary table 2000×2400 mm

Turning: $L = 6000$ mm, $\varnothing 1400$ mm





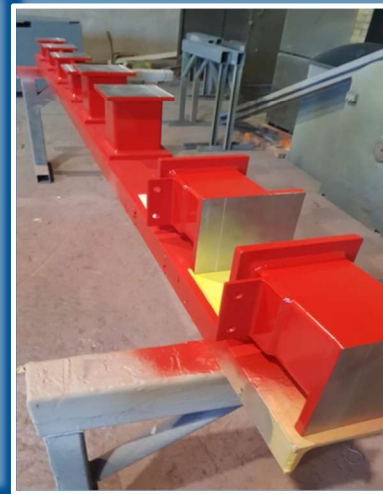
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TECHNICAL CAPABILITIES - SURFACE TREATMENT & PAINTING

Shot-blasting chamber with opening roof: 20 m x 7 m x 6 m

Spray painting chamber: 20 m x 6 m x 6 m

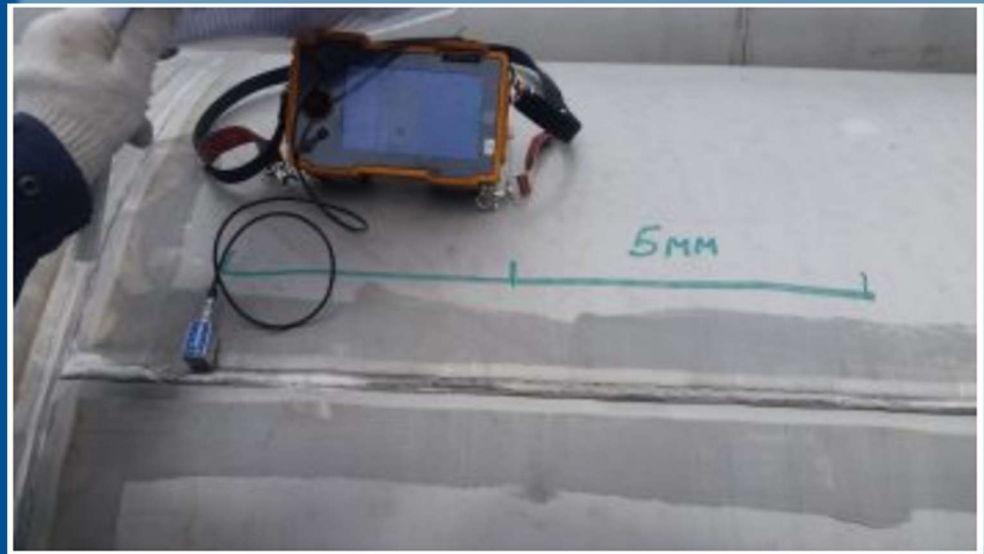
Spray painting area: 800 m²





TECHNICAL CAPABILITIES - NDT

- Visual inspection is performed by in-house VT inspector (level 2);
- 3rd party NDT (RT, UT, MT, PT) ;
- Measurements and reports 3D-arm.

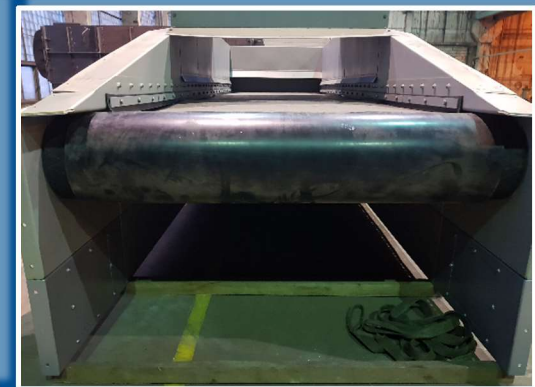




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TECHNICAL CAPABILITIES – INSTALLATION OF COMPONENTS / ASSEMBLY / RUN TESTING

- Motor gears;
- Wheels, rollers;
- Wear plates, wear bars;
- Bearings and bearing houses;
- Chains;
- Belts;
- Pressure equipment;
- Hydraulic/Pneumatic units;
- Final assembly in harbor or at client site.





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STEEL CONSTRUCTION

TECHNICAL CAPABILITIES - TRANSPORTATION

We arrange for transportation of standard and oversized structures to different countries.





NORTHPRO
STEEL CONSTRUCTION

QUALITY – CERTIFICATIONS

WELDING CERTIFICATE EN ISO 3834-2

TUV NORD

TUV EESTI CERTIFICATE
Member of TÜV Nord Group

The Certification Body of TÜV Eesti OÜ certifies that the company

NORTHPRO OÜ
Lutserni 11, Maardu, Harjumaa
74117, Estonia
production site:
Ahtme mnt. 82, Ahtme 31025, Estonia

has been verified and recognized as welding workshop in the product range of **manufacturing of steel constructions** based on the requirements of the standard **EVS-EN ISO 3834-2**

Certificate-no.: WQMS071/2017

The range of validity and details of the inspection can be seen in our **Report-no.: 5 60 358 17-1**

The company is using a quality assurance system, mechanical equipment, qualified personnel and procedures for joining processes for manufacturing and testing of welded products.

This certificate is valid until
05 June 2020

Maardu, 06 June 2017

T. Veske
T. Veske
Certification Body
of TÜV Eesti OÜ

Page 1 of 2

Akredeeritud PC018

TÜV Eesti OÜ - Vana Narva mnt. 24B, 74114, Maardu, Estonia - Reg. No: 10041359
Telephone +372 60 75 918 - Fax +372 63 79 601 - E-mail: info@tuv-nord.ee

FPC CERTIFICATE EN 1090-2 / EXC 3

TUV NORD

TUV EESTI EC Certificate
Member of TÜV Nord Group

Factory Production Control (FPC)
1526-CPR-1090-1.0090.TÜVEESTI.2017.001

In compliance with Council Regulation No 305/2011 of 9 March 2011 on the approximation of laws, regulations and administrative provisions of Member States relating to construction products (the Construction Products Regulation – CPR), as later amended, the following has been stated:

The construction product stated below is submitted by the manufacturer to the initial type-testing of the product, a factory production control and to the further testing of samples taken at the factory in accordance with a prescribed test plan.

The Notified Body TÜV Eesti OÜ - No. 1528 - has performed the initial inspection of the factory and of the factory production control and performs the continuous surveillance, assessment and approval of the factory production control.

Placed on the market by (Producer or its authorized representative)	NORTHPRO OÜ Lutserni 11, Maardu, Harjumaa 74117, Estonia
Factory(ies)	Ahtme mnt. 82, Ahtme 31025, Estonia
Product	Structural steel components up to EXC 3 according to EN 1090-2, corrosion protection and mechanical fastening included
Intended use	For structural use in all types of construction works
CE-marking method	ZA.3.4 acc. to EN 1090-1:2009+A1:2011
Confirmation	All provisions concerning the attestation of factory production control described in Annex ZA of the following standard(s) were applied: EN 1090-1:2009+A1:2011
Begin of validity (First issue date)	05.06.2017
Validity till	05.06.2020 connected to fulfillment of conditions specified in the Certification Report
Period of validity	This certificate remains valid as long as the conditions laid down in the harmonized technical specification in reference to the manufacturing conditions in the FPC itself are not modified significantly.
Remarks	To this certificate belong the welding certificate(s): 1526-CPR-1090-1.0090.TÜVEESTI.2017.001-WC
Place and issue date	Maardu, 06.06.2017

Akredeeritud PC018

T. Veske
Certification Body
of TÜV Eesti OÜ

TÜV Eesti OÜ - Vana Narva mnt. 24B, 74114, Maardu, Estonia - Reg. No: 10041359
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TRACK RECORD





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REFERENCES

