



High Pressure Die Casting machines:

Buhler - 250t, 400t

TST Tebowa - 800t, 800t, 500t

Italpresse - 550t, 1000t

IDRA - 700t, 900t, 320t

Surface treatment (vibrofinish, sandblasting, heat treatment), machining (threading, milling, grinding,...)

Quality control equipment : spectrometer, 3D, RTG, different type of manual gauges & control devices

Annual output 3000t of die castingng parts - Annual capacity approx. 3500t

Annual part production														
YEAR	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
TONS	1640	0.570	1358	1921	1859	1872	1757	1710	1794	2051	2357	2349	2233	2866

Employees	
White Collar	Blue Collar
26	156
178	



BUREAU  
VERITAS

Bureau Veritas Certification

## IVANAL Ltd.

Gorička 19 Poduzetnička zona Podi, 22000 Šibenik, Croatia

*Bureau Veritas Certification Holding SAS – UK Branch certifies that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards detailed below*

### ISO 9001:2015

*Scope of certification*

#### PRODUCTION OF ALUMINIUM DIE-CASTING

Original cycle start date:	03-05-2000
Expiry Date of Previous Cycle:	02-05-2021
Certification / Recertification Audit Date:	15-03-2021
Certification / Recertification cycle start date:	24-03-2021
Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on:	02-05-2024

Certificate No.: **HR008241**    Version: **1**    Issue Date: **24-03-2021**



0008

*Certification Body Address: 5th Floor, 66 Prescott Street, London, E1 8HG, United Kingdom*

*Local Office: Ciottina 17a, 51000 Rijeka, Croatia*

Further clarifications regarding the scope and validity of this certificate, and the applicability of the management system requirements, please call: 00 385 51 213 672





BUREAU  
VERITAS

Bureau Veritas Certification

## IVANAL Ltd.

Gorička 19 Poduzetnička zona Podi, 22000 Šibenik, Croatia

*Bureau Veritas Certification Holding SAS – UK Branch certifies that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards detailed below*

### ISO 14001:2015

*Scope of certification*

#### PRODUCTION OF ALUMINIUM DIE-CASTING

Original cycle start date:	07-01-2009
Expiry Date of Previous Cycle:	06-01-2021
Certification / Recertification Audit Date:	07-12-2020
Certification / Recertification cycle start date:	18-12-2020
Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on:	06-01-2024

Certificate No.:	HR008019	Version:	1	Issue Date:	18-12-2020
------------------	----------	----------	---	-------------	------------



0008

*Certification Body Address: 5th Floor, 66 Prescott Street, London, E1 8HG, United Kingdom*

*Local Office: Ciottina 17a, 51000 Rijeka, Croatia*

Further clarifications regarding the scope and validity of this certificate, and the applicability of the management system requirements, please call: 00 385 51 213 672



## ALTERA S 7.5.5 Coordinate Measuring Machine



### Measuring Volume

#### ALTERA<sup>S</sup>

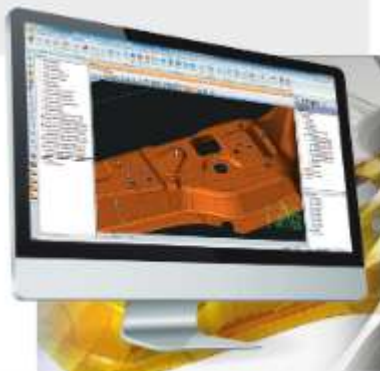
7.5.5	8.7.6	10.10.8
	10.7.6	12.10.8
	15.7.6	15.10.8
	20.7.6	20.10.8
	25.7.6	25.10.8

### Performance

#### ALTERA<sup>S</sup>

Volumetric accuracy	from 1.8 $\mu\text{m} + L/400$
Repeatability	from 1.7 $\mu\text{m}$
Velocity	from 762 mm/s
Acceleration	from 2,306 mm/s <sup>2</sup>

**CAMIO8**  
Multi-sensor  
metrology software



Installed press ERA 1100



## **SHENLI WDW-100**

### **Servo electromechanical computer control universal testing machine**



- <http://www.shenlitest.com>
- High precision load cell 100KN  
(tension & compression)

Force measuring range: from 1% to 100%F S

Force accuracy:  $\pm 0.5\%$

Test force resolution: 500000 yards

-

Effective tensile test space: 640mm

Effective test width: 530mm

Compression plate dimensions:  $\Phi 200 \times 30$ mm

Circular specimen diameter:  $\Phi 4-20$ mm

Flat specimen thickness: 0-14mm

Load frame size: 1100\*1760\*2190(width, depth, height)

- Purchase date : December 2021

**Acquired new hall, 1500 m2.**



With the help of European funds a solar power (367kW) plant was built in 2019.





Installed press Yizumi 800



Installed melting furnace Marconi MT 200



Installed press IP 1100



Installed press IP 320



## Installed press TST 500





- <http://www.faro.com/gage/>
- 3D portable CMM  
Up to 0.018mm (0.0007") accuracy  
48" (1.2m) working volume  
Fast, easy, and accurate measurements  
Improve measurement consistency  
Generate reports SPC analysis and GD&T  
Reduce inspection times  
Temperature & Overload Sensors  
Internal Counterbalancing  
Multi-Probe Capability
- Purchase date : January 2012

- <http://www.bosello.it/>
- X-RAY Equipment  
Handling manipulator system  
Anti- Blooming axes automatic  
CNC controlled shutter  
Control Console  
Computer and BHT Software  
160kV X-Ray System  
Industrial Image Intensifier Image Processor mod. BHT PLUS  
Amorphous-Silicon Image Detector (a-Si)  
The machine can accommodate and inspect casting 400 x 600mm, weight 25 kg.
- Purchase date : January 2012





- <http://www.stama.de/>
- STAMA MC320  
CNC vertical machining center  
3 axis + 2NC turn tables  
FANUC OM Control  
Easy to program and fast  
Longitudinal X-axis 500 mm  
Vertical Z-axis 350 mm  
Cross travel Y-axis 300 mm  
Two rotary table  
Table working area 550 x 380 mm  
Vertical turret with 20 tool places  
Separately standing coolant system & chip conveyor
- Purchase date : August 2012

- <http://www.gom.com/>
- ATOS Compact Scan 2M  
Highly accurate 3D measurements  
Detailed, high-resolution scans  
Quick data collection  
Advanced inspection functionality  
Complete dimensional analysis  
Comprehensive reporting  
Capture fine details, even for smallest parts with high resolution  
Lightweight & compact construction  
Powered by ATOS + GOM Inspect  
Powerful measuring and inspection software
- Purchase date : October 2012





- <http://www.iso.org/iso/home.htm>
- ISO TS 16949:2009  
Project start — JUNE 2012  
Project end — APRIL 2013
- Consulting Company — Altin Usluge d.o.o.
- 1st phase of training accomplished
- ...more details about the project available on request

- [www.deltaimpiantiengineering.it](http://www.deltaimpiantiengineering.it)
- Melting/Holding furnace (2x)  
Model serie 1.500  
LPG powered  
Holding capacity : cca.  
1.500kg  
Melting capacity : 250 kg/h  
Energy saving furnace  
Innovative interior design  
Top quality materials —  
refractory material (concrete)  
Easy to clean & maintain  
Quick exchange of Al alloy  
which allows us to use  
multiple type of alloy  
(DIN226, DIN 230, DIN231,  
DIN239)
- Purchase date : March 2012





Haas VF-3SS arriving in October 2012!



### Super Speed Vertical Machining Center

- [www.haascnc.com](http://www.haascnc.com)
- X-Y-Z axis travel // 1016 x 508 x 635 mm + rotary table
- 40 taper
- 30 hp (22.4 kW) vector drive
- 12,000 rpm
- inline direct-drive
- high-speed 24+1 side-mount tool changer
- 1400 ipm (35.6 m/min) rapids
- 1 MB program memory, 15" color LCD monitor, USB port, memory lock keyswitch, rigid tapping and 55-gallon (208 liter) flood coolant system.

Additional 800t HPDC Machine installed in May 2012!



High Pressure Die Casting machines (7) : Buhler250t - Buhler 400t - Itaipresse 550t - IDRA700t - TST Tebowa 800t - TST Tebowa 800t - IDRA950t

Surface treatment (vibrofinish, sandblasting, heat treatment), machining (threading, milling, grinding,..)

Quality control equipment : spectrometer, 3D, RTG, different type of manual gauges & control devices

Annual output 2000t of die casting parts - Annual capacity approx. 3000t

**Employees**

<u>White collar</u>	<u>Blue Collar</u>
27	88
<b>115</b>	

**Turnover**

YEAR	2008	2009	2010	2011	2012
€ (million)	6.0	2.5	5.0	7.2	8.0

- 1st Aluminium foundry in the whole Balkan region – **est. 1937** – long lasting experience
- Company personality - **Family run business** - 5th Generation (100% private)
- Company strenght to overcome the most demanding obstacles and to come back from crisis stronger than we were before!
- Experts in the areas of die casting with 30 years of experience in the field – company core values : **reliable, innovative, high quality standards, pricewise comeptitive.**
- **Quality policy** : ESTABLISH, MANTAIN & CONTINUALLY IMPROVE the efectiveness of our Quality Management System
- Quality Management System has been certified to the [ISO 9001:2008](#)
- **Quality assurance** team utilizes state of the art measuring equipment
- We provide **practical solutions** to die casting problems and can meet your die casting requirements.
- **Key personnel** is young, innovative, skillful and responsible
- To ensure the high customer demands we focused ourselves on **skilled & educated employees** paired with the **leading industry technologies.**
- We aspire for excellence through **dedicated teamwork** and total employees involvement
- **Customer service is our first priority.** We offer full engineering support for our customers from the initial idea to it's final realization.
- We strive to be the **first choice partners** for our customers by providing innovative manufacturing solution
- We're very mindful of our obligation to the environment and sustainability. The depth of that commitment compelled the company to become an [ISO 14001:2004](#) certified company.
- **High-pressure aluminum castings** for industrial applications
- **Markets Served** : 2nd Tier Automotive, Industrial Equipment, Heavy Truck Industry, Electric Industry, Telecom Industry
- **Product range** from 0,026kg up to 3,2kg
- Different **type of aluminum alloy** used in production  
[ADC12](#)  
[EN AB - 46000](#)  
[EN AB - 43400](#)  
[EN AB - 44300](#)

### New production facility — 09/2009—3000m<sup>2</sup>



**BUREAU VERITAS**  
Certification



## Certification

Awarded to

# IVANAL d.o.o. TVORNICA ALUMINIJA

GORIČKA 19  
GOSPODARSKA ZONA PODI, ŠIBENIK, CROATIA

Bureau Veritas certify that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards detailed below

STANDARD

**ISO 9001:2008**

SCOPE OF SUPPLY

**PRODUCTION OF AL-ALLOYS AND PRODUCTION  
OF DIE-CASTING PARTS**

*Original Approval Date : 03 MAY 2000*

*Subject to the continued satisfactory operation of the organisation's Management System, this certificate is valid until : 03 MAY 2015*

*To check the validity of this certificate please call (+385 51 213 672)*

*Further clarification regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organisation*



Date: 09 MAY 2012

Certificate Number: **CRO19011Q**

Certification authority: Olbrachtova 1,  
140 00 Praha 4, Czech Republic  
Managing office: Riva 16, P.P. 71,  
51000 Ruzka, Hradecka

Bureau Veritas Certification  
using the accreditation  
certificate number 008



008



**BUREAU VERITAS**  
Certification



## Certification

Awarded to

# IVANAL d.o.o. TVORNICA ALUMINIJA

GORIČKA 19  
GOSPODARSKA ZONA PODI, ŠIBENIK, CROATIA

Bureau Veritas certify that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards detailed below

STANDARD

**ISO 14001:2004**

SCOPE OF SUPPLY

**PRODUCTION OF AL-ALLOYS AND PRODUCTION  
OF DIE-CASTING PARTS**

*Original Approval Date : 07 JANUARY 2009*

*Subject to the continued satisfactory operation of the organisation's Management System,  
this certificate is valid until : 06 JANUARY 2015*

*To check the validity of this certificate please call (+385 51 213 672)*

*Further clarification regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organisation*

Date: 06 JANUARY 2012

Certificate Number: **CR18067E**

Certification authority: Cihračkova 1,  
140 00 Praha 4, Czech Republic  
Managing office: Riva 16, P.P. 71,  
51000 Rijeka, Hrvatska

Bureau Veritas Certification  
using the accreditation  
certificate number 008



008

- Company location : **proximity to West European market**



Zadar (airport) - Šibenik : 75km highway

Split (airport) - Šibenik : 90km highway

Šibenik — München // 790km

Šibenik — Paris // 1630km

Šibenik — Milano // 780km

Šibenik—Barcelona // 1740km

Šibenik — Wien // 695km

Šibenik — Prag // 1020km

Šibenik — Bratislava // 740km

Šibenik — Warsaw // 1370km

Šibenik — Oslo // 2390km

Šibenik — Stockholm // 2440km

Šibenik — Copenhagen // 1780km

Šibenik — Den Haag // 1670km

**Thanks for reading!**  
**All the best,**  
**Mr. Vladimir Ivanović**  
**General Manager**

**Ind. zona PODI , Gorička 19, 22000 Šibenik**

**Head office :** +385 (0)22 77 81 20

**General Manager :** +385 (0)22 77 88 76

**Purch. & Logistics :** +385 (0)22 77 81 31

**Telefax :** +385 (0)22 77 88 77

**e-mail :** [ivanal@ivanal.hr](mailto:ivanal@ivanal.hr)

**web :** [www.ivanal.hr](http://www.ivanal.hr)

**OIB :** 42070251592

**DUNS :** 364773932

**VAT nr. :** 1696289

**Bank account :** 2411006-1100032012