



RARIS Group

Business Info Card

Company Website

www.raris.ro

About us

- Founded In 1992
- The Raris group of companies is a family owned founded by Ing. **Iliesen Constantin Adrian**
- Current shareholder
 - Ing. **Beca-Iliesen Adrian Amos** 75%
 - Ing. Economist **Beca-Iliesen Manuela Violeta** 25 %
- The company SC RARIS SRL has implemented and maintains a quality management system according to the conditions of the ISO 9001-2015 standard.



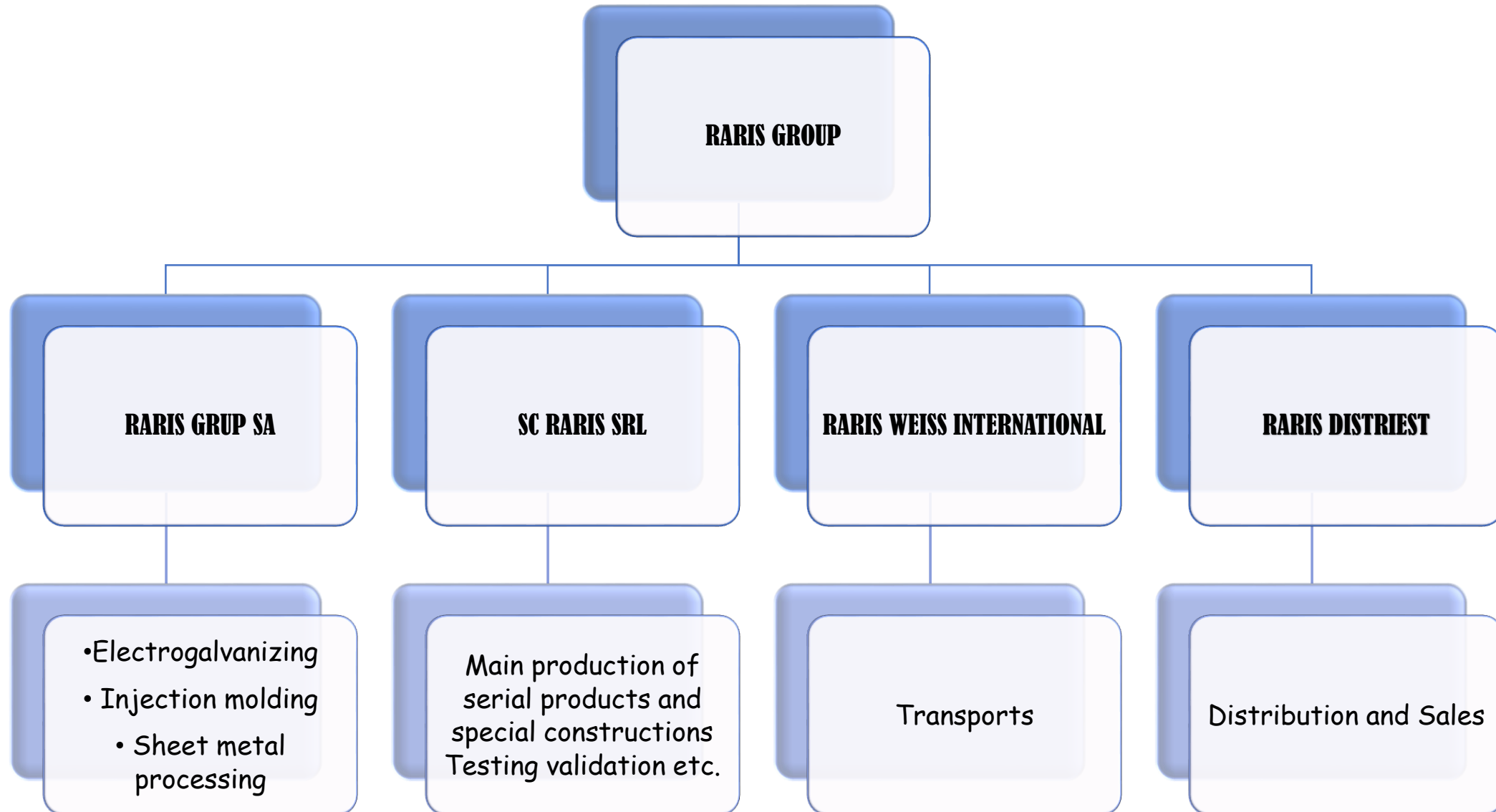
WEBSITE: <https://www.raris.ro/> and www.raris-scari-schele.ro

Name: Beca-Iliesen Adrian-Amos

Tel: +40 722247902

Email: manuela.beca@yahoo.ro

RARIS Group Structure



RARIS Group Locations



Timisoara

- with a surface of 500 m^2
- Die Shop & Prototype

Denta

- located 50 km away from Timisoara with a surface of 10,000 m^2
- is the Headquarter of RARIS Group
- Production & Warehouse

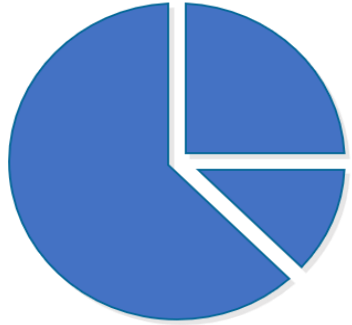
Craiova

- with a surface of 2,500 m^2
- Production facility currently inactive

Bucharest

- with a surface of 750 m^2 we have the Warehouse
- with a surface of 170 m^2 we have the Showroom

General Data



Turnover last year : 9 140 168, 66 RON

Social capital : 5 777 220 RON

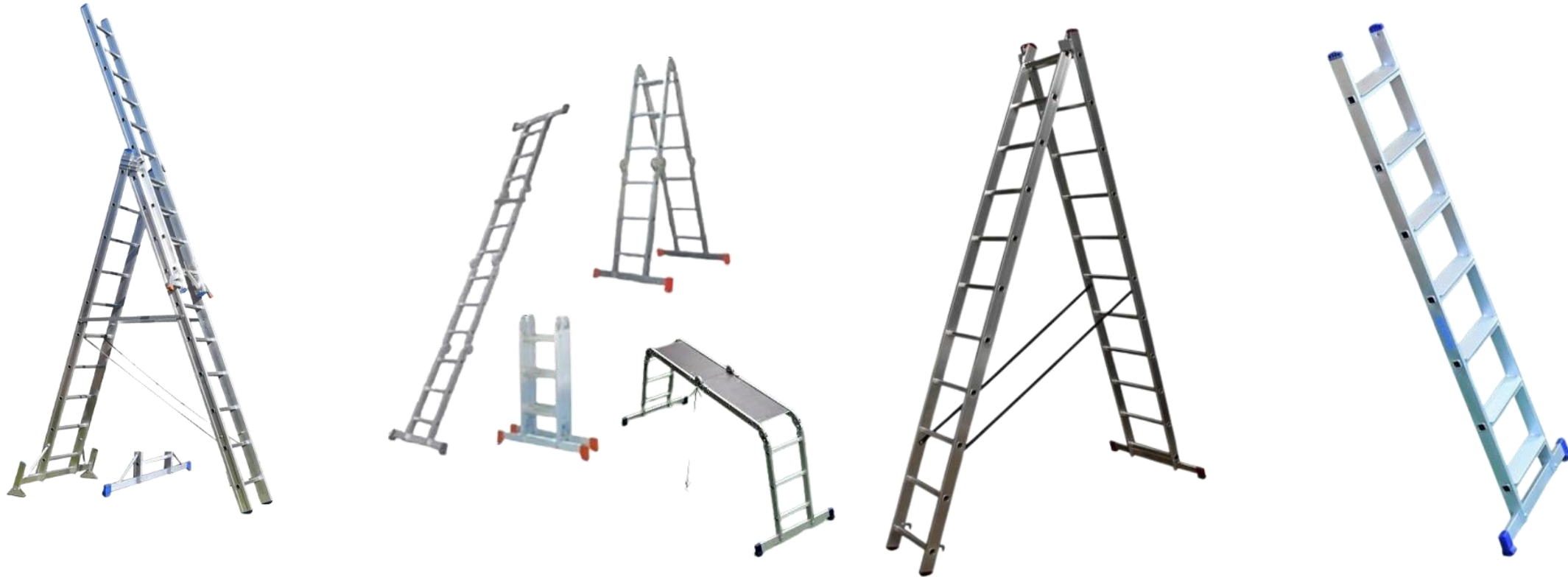
Profit last year : 995 886,45 RON

Profit Ratio : aprox 11%

Total number of employs : 57

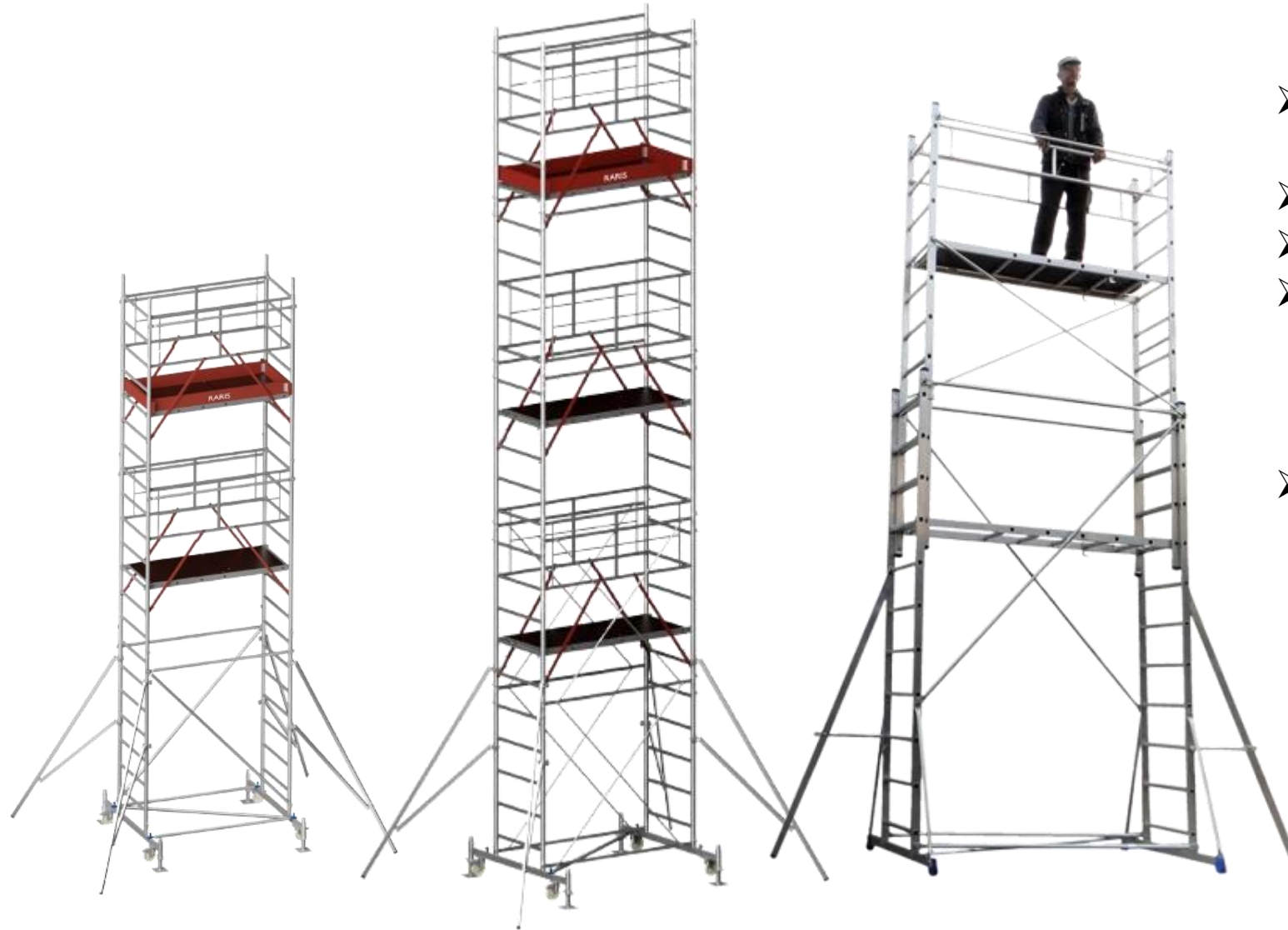
Product portfolio series products

Multi purpose leaders



- With 1, 2 or 3 rungs
- Made from high strength aluminium
- Designed for home use and professional use
- Made in accordance with **EN 131**

Scaffolds



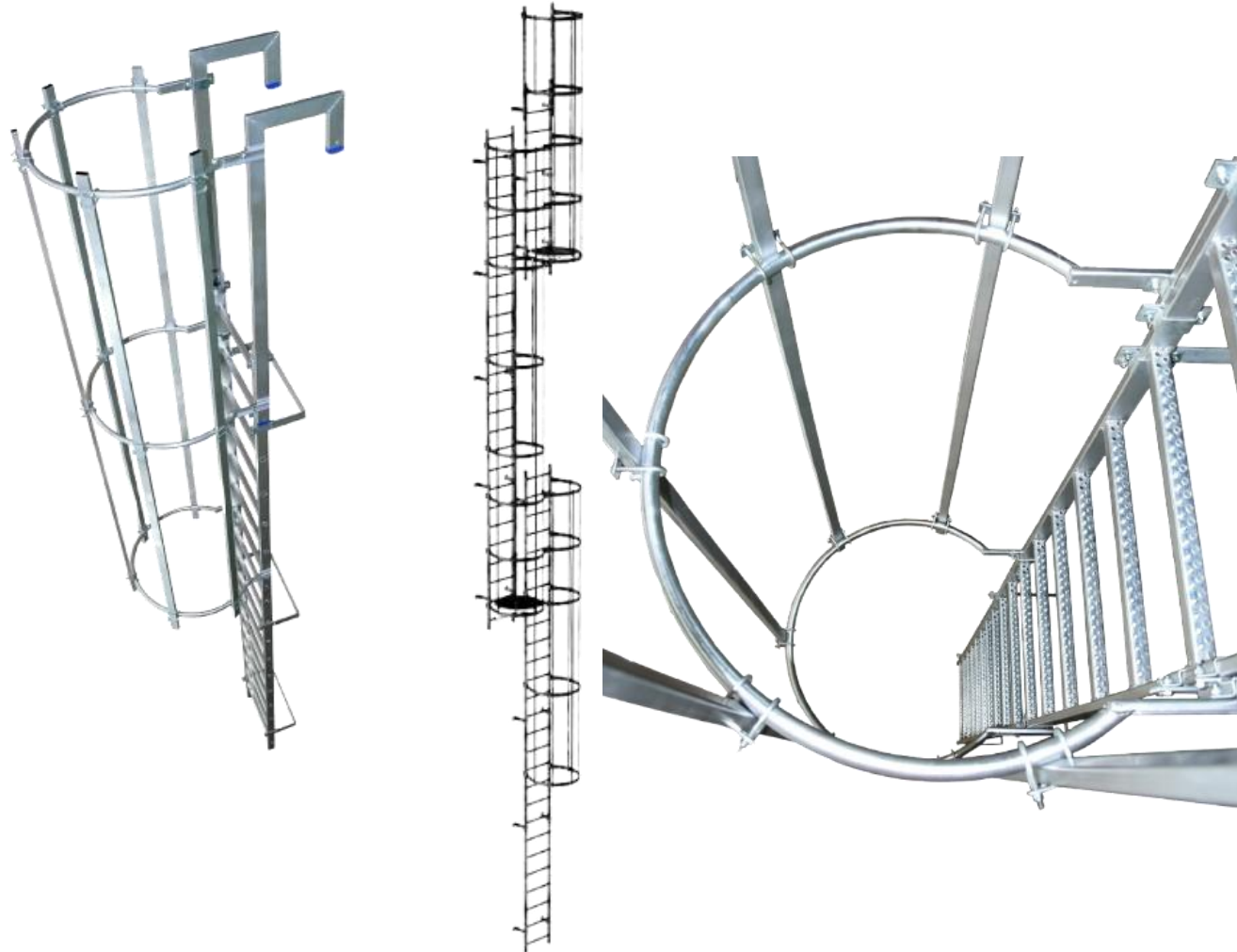
- Made from aluminium or galvanized steel
- Designed for professional use
- Fixed or mobile
- With different dimensions of the landing and by buying different modules the product can be raised in height
- The mobile scaffolds are made in accordance with **DIN EN 1004/2021** and the fixed scaffold

Step leaders



- Made from high strength aluminium
- Designed for professional use
- Main attribute is that it is used a more wide step , and the dimensions of the platform is bigger
- Suitable for deposits and more intense use
- Light weight
- Made in accordance with **EN 131-7**

Fixed Ladders / Cat ladder



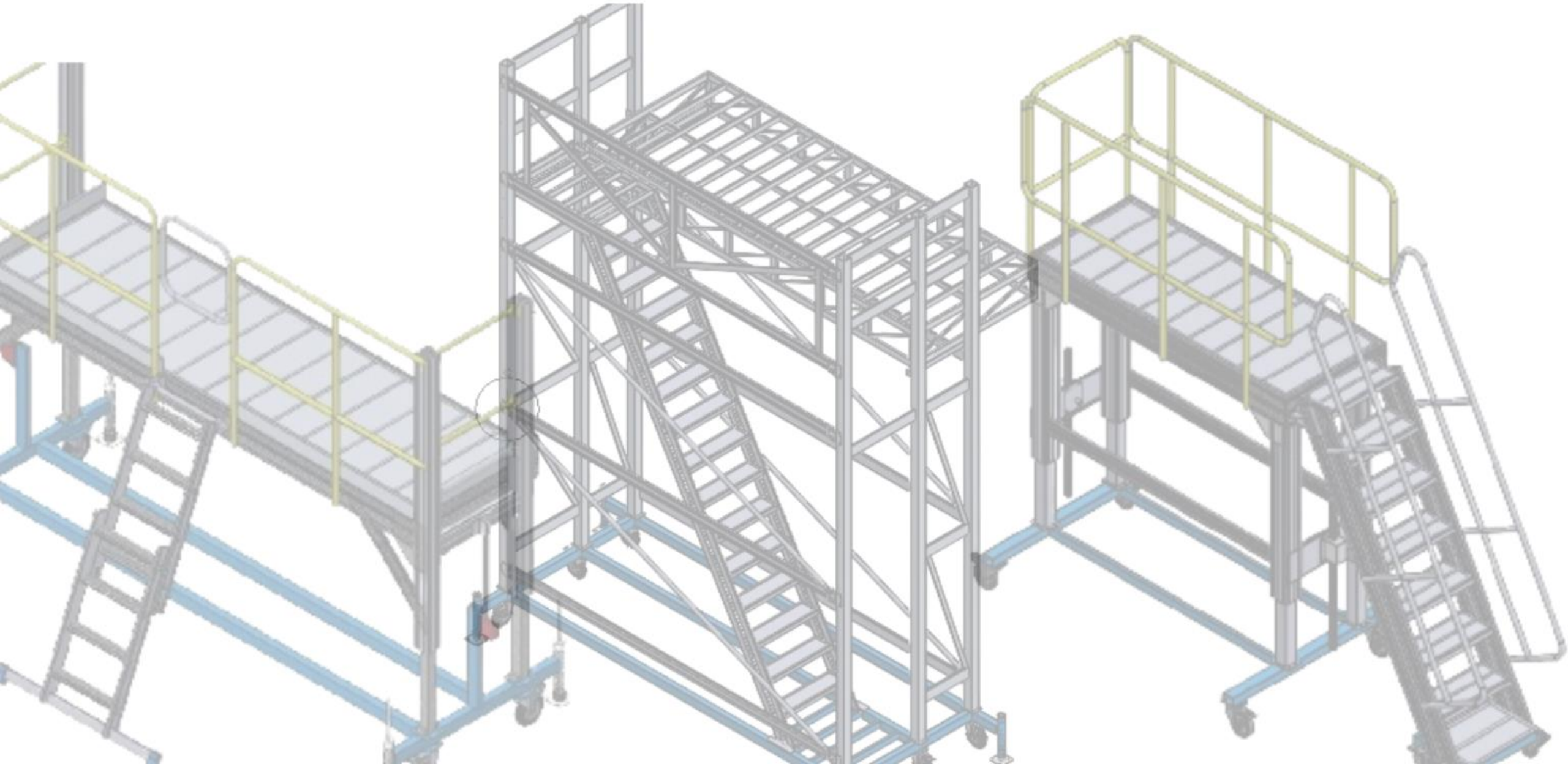
- Made from aluminium, galvanized steel, or stainless steel (depends in what environment is used)
- Designed for professional use
- Fixed on the building
- With 1,2 or 3 sections , depending on the dimension of the height of the building
- Modular system , easy to assemble components
- Made in accordance with **DIN 18 799-1:2019, DIN14 094-1:2017, EN ISO 14122-4:2014, DIN 19 572**

Platforms



- Mainly made from high strength aluminium
- Extension of the series products
- Easy to configure (Height , Width, length , inclination)
- Easy climbing (Bigger step)
- Accessories like leveling foots
- Easy to maneuver in the case of the mobile type
- Strong Railing
- Fixed version available
- With climbing form one direction or 2 direction
- Different types of covering for steps or platform
- Made for intense use
- Made in accordance with **DIN EN 14122**

Product portfolio special construction

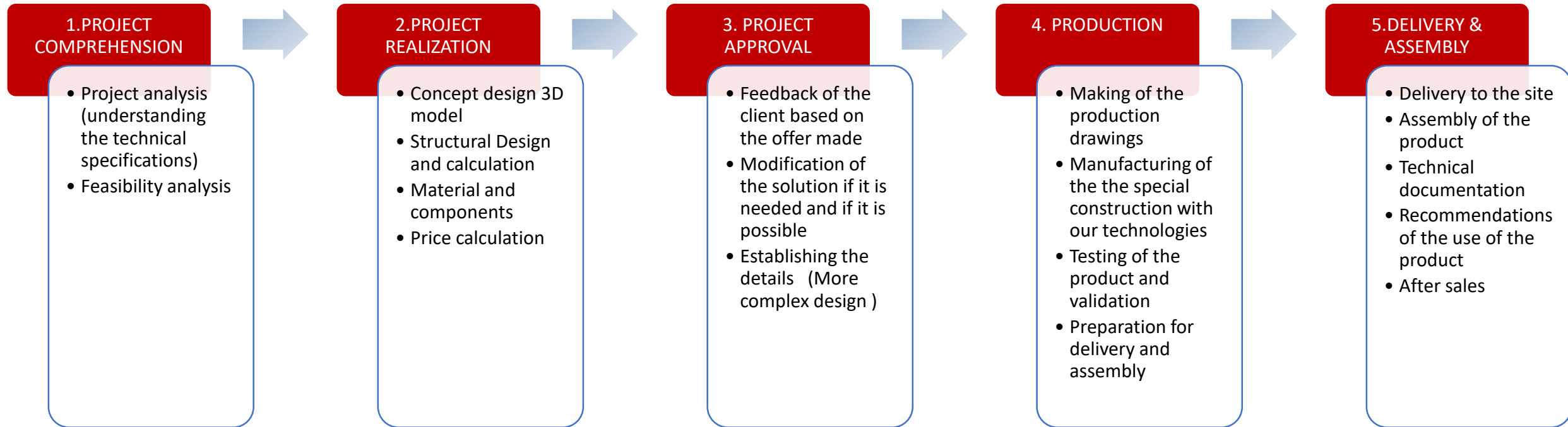


What we do

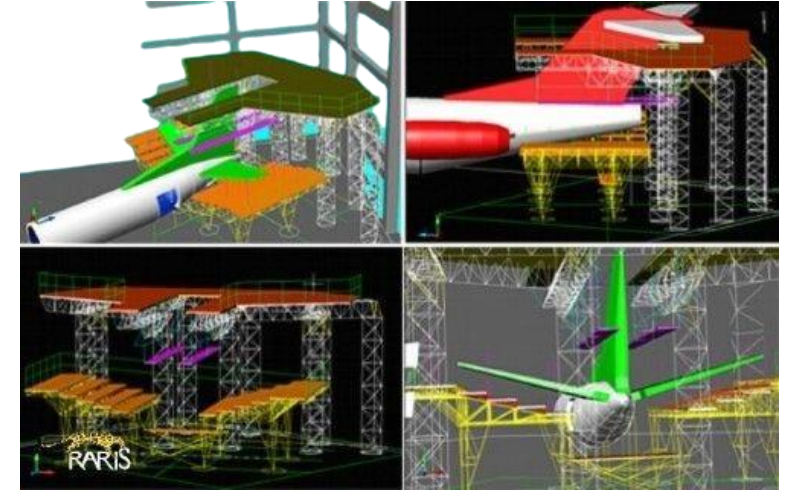
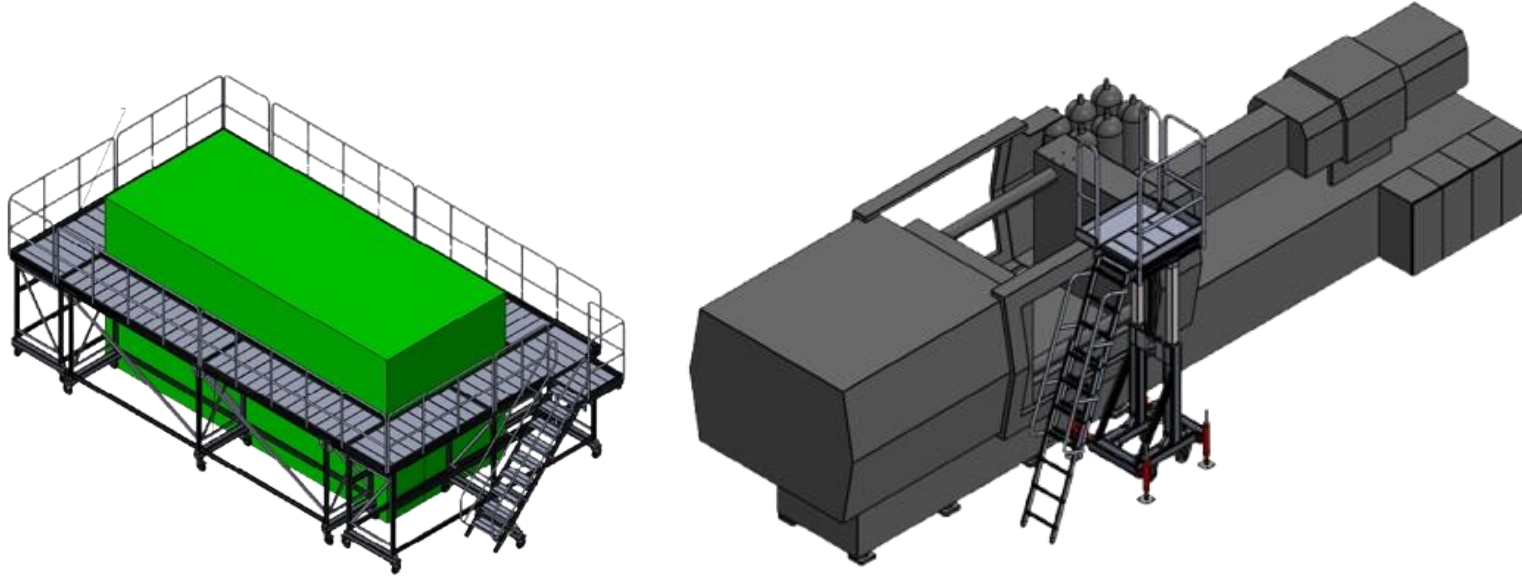


- We offer custom made products made from aluminium , galvanised steel or stainless steel , taking in to account the needs of our clients
- Mobile or fixed structures, fixed height or height adjustable
- Different sectors like aerospace, general industry, construction , rail business , etc.
- All of the platforms are in accordance with **DIN EN 14122**

Project Phases



Project design



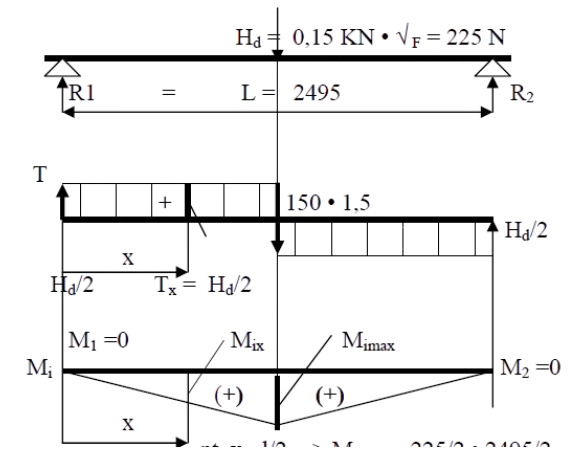
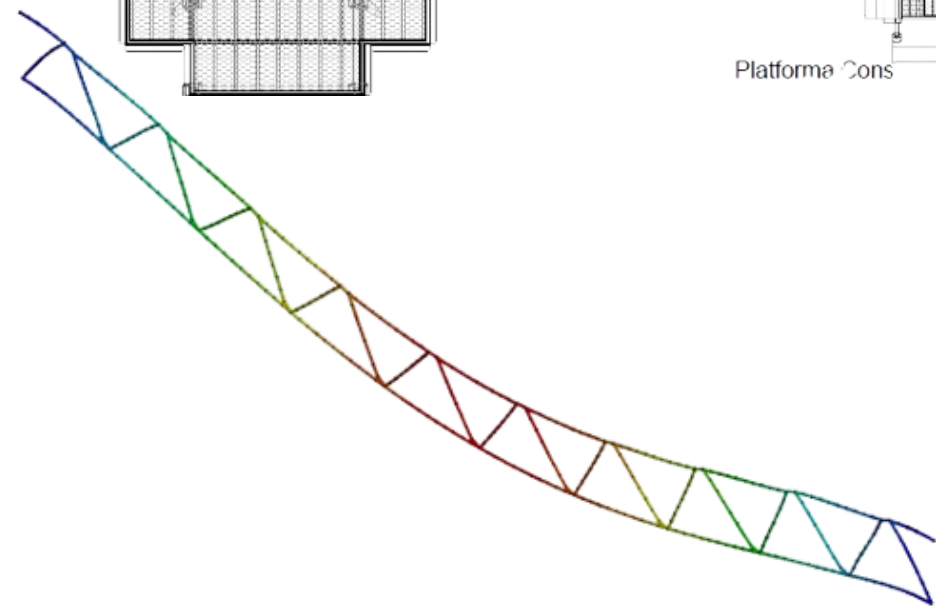
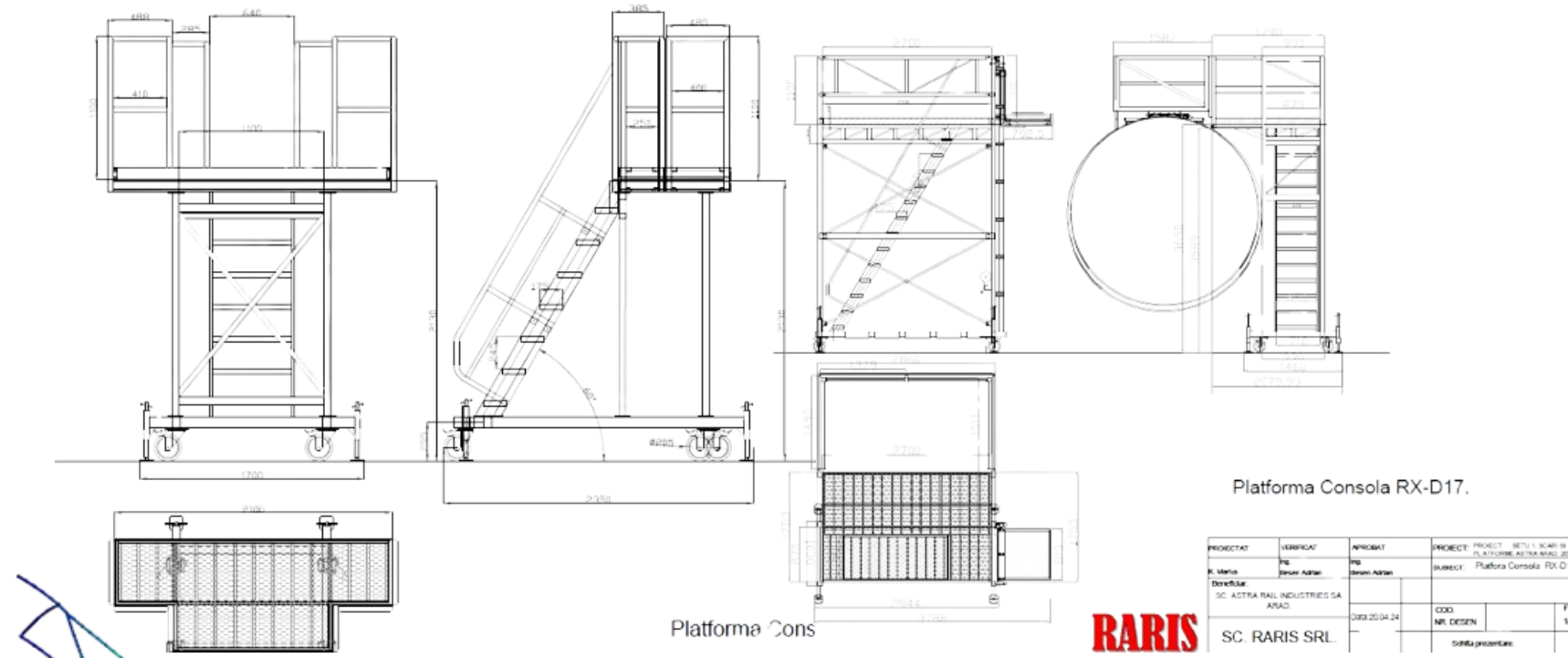
- Our design team is using **Solidworks** for creating the 3D model for our clients to see and understand the concept. **AutoCad** is also used
- In our designs we take in to account different concepts like Design for manufacturing , design for assembly, etc
- Predefiend components are integrated into our design to ensure an easy thinking of the special construction (Height Adjustable system, swiveling railing , adjustable ladders , Wheels , leveling foots, foldable platform extensions, counter weights, etc.) that are designed and manufacture by us or made in collaboration with our partners

Project design

RARIS

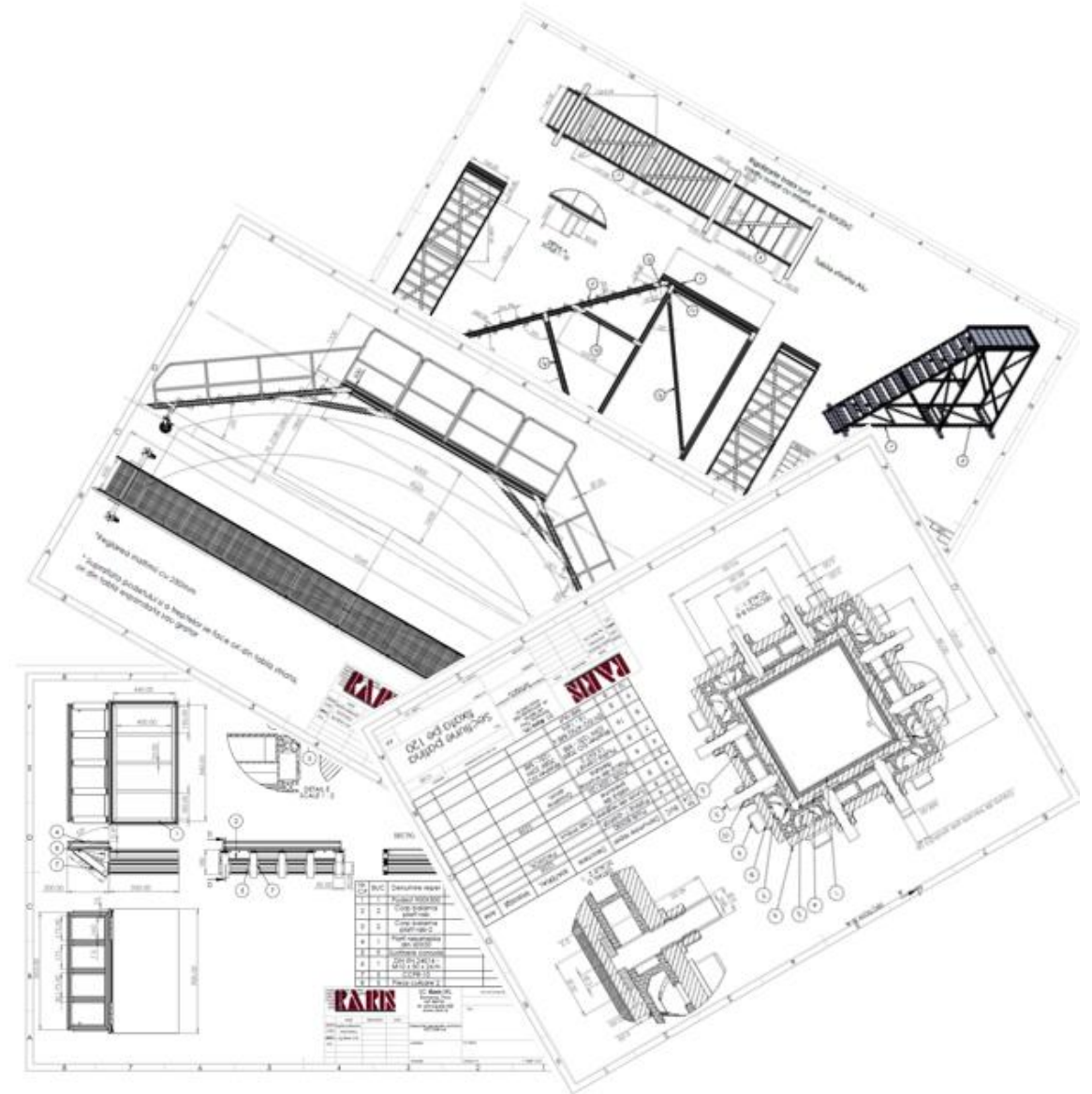


- In every step of our design we make and prepare static calculation and simulations to ensure high strength and durability of the construction
- We take into account also the economic part
- After making the basic representation of the solution and choosing the materials and components necessary, we proceed to create the economic offer



Manufacturing process

- After the validation of the solution and purchase order , the design team creates the 2D execution drawings to start the manufacturing process
- Production planning , material supply (if we don t have them on stock)
- Day by day verification of the progress of the product
- Close communication with the client in the production phase



Manufacturing process

- We are using high quality Aluminium profiles 6063 T6 or 6063 T66 with good properties for construction of aluminium structures
- High quality components like wheels, Hinges, rack and pinion mechanism, etc
- In the production process we are including welding, mechanical processing, laser cutting, tube bending, sheet metal processing, assembly processes etc. (more details in the competence section)
- Testing and validation
- Preparation for delivery



Delivery and assembly



- On site delivery and assembly , if it the client wants
- Recommendations of use by our team
- Technical documentation
- After sales consultation , service

- More pictures of our complex products in the links:
- https://www.raris.ro/index.php?ch=catalog_online&cat=produse_la_tema&id=temae
- https://www.raris.ro/index.php?ch=catalog_online&cat=produse_la_tema&id=temac
- https://www.raris.ro/index.php?ch=catalog_online&cat=produse_la_tema&id=temab
- https://www.raris.ro/index.php?ch=catalog_online&cat=produse_la_tema&id=temas

Main competencies

Production line

- Our company has an entire Line of production with the necessary machines , materials workers for the production of Aluminium multi-purpose ladder , scaffold , stepladders, and special constructions, etc .
- That includes injection molding machines for different plastic components , presses for piercing, punching bending for the sheet metal parts , welding (aluminium , steel and stainless steel) , tube bending machine. Diffrents dies , fixtures for a easy production and a Ladder assembly machine made by us (orbital riveting of the steps)



MODUL PODINĂ S1-MP

Machines owned

- Injection molding saction
 - Kuasy 400/160 - 1
 - Kuasy 100/25 - 1
 - Kuasy 260/100 - 1

- Presses Section (sheet metal piercing , bending)
 - Vertical press Dirinler
 - CDCS 251P - 1
 - CDCS 401 P81 - 1
 - CDCS 600 - 1
 - Hydraulic Press
 - PH 60 - 2
 - PH100 - 6
 - PMC press 10 T - 1
 - PMC press 15 T - 1
 - Hydraulic shear press ERMAK CNC HVR 3106

- Turning workshop
 - PMC Press 40 T - 1
 - Proffesional vertical column drill -1
 - Lathe SN 400X1500 - 2
 - Lathe SNA 560X2000 - 2
 - Lathe SN 321X1500 - 1
 - Mill FUS 32 - 2
 - Drilling machine MG 13 - 1

Machines owned

- Steel cutting machines
 - Bomar ergonomic 320.258 DGH - 1
 - Bomar pulldown 160.120 G - 1
- Steel welding workshop
 - Welding machine MIG Kempact 2530 - 3
 - Welding machine MIG Kempact 2500 - 2
 - Welding machine Welt- WSME 3/5 - 1
 - Drilling machine - 2
- Aluminium cutting machines
 - Metabo KGS 3d -3
- Ladders , stepladders and scaffold section (preparation , assembly)
 - PMC Press 10 T -
 - PMC Press 15 T
 - PMC Press 25 T
 - PMC Press 40 T
 - Machine for preparation of the step for assembly
 - Assembly machine for ladders
 - Tube Bending machine Nargesa CC 60
 - Ring roller bending machine
- Aluminium welding workshop
 - Welding machine WIG Jasic TIG 315 AC/DC = 4
 - Welding machine Master TIG 250 W AC/DC - 1
 - Welding machine Kempact Pulse 3000 - 1
 - Welding machine Kempact 2500 - 1
 - Welding machine Kempamat 2500 - 1
 - Welding machine EWM 330 alpha Q -1
 - Welding machine SPOT Weld DN- 25 AC -1

Machines owned

- Laser cutting machine Trumpf Trumatic L3050
- Laser cutting machine (CO2)
Control: SIEMENS SINUMERIK 840D
Electric consumption entire unit: 33 - 72 kW
Laser Output: 6 kW
Laser Type: CO2
Max. workpiece weight: 900 kg
Maximum material thickness aluminium: 15 mm
Maximum material thickness mild steel: 25 mm
Maximum material thickness stainless steel: 25 mm
Positioning speed X/Y: 200 m/min
Simultaneous positioning speed: 300 X+Y m/min
- Used for creating parts for our special construction and projects



Machines owned

Nargesa Press Break MP 3003

- Punch working speed: 6,7 mm/s.
- Return speed of the punch: 43,4 mm/s.
- Lowering speed of the punch: 26,8 mm/s.
- Maximum punch displacement: 160 mm.
- Inner folding length: 2700 mm.
- Total folding length: 3125 mm.
- Back gauge displacement: 600 mm.
- Neck: 320 mm.
- Motor power: 9,5 KW / 12 HP.
- Three phase power: 230 / 400 V.
- Hydraulic Power: 120 Tn.



Machines owned

sheet width: 3100 mm
plate thickness: 6 mm
distance between columns: 3400 mm
cutting angle: 0,5 - 1,5 °
work height max.: 900 mm
rear stop: 1000 mm
down holder: 14 Stück
Control: CYBELEC DNC 60
oil volume: 150 l
no. of strokes: 16 - 24 Hub/min
total power requirement: 11 kW
weight of the machine ca.: 8300 kg
dimensions of the machine ca.: 4980 x 2200 x 2190 mm

- gate-guided CNC guillotine shears
- CYBELEC CNC control, model DNC 60

Backgauge preselection - X axis
Cutting gap & cutting angle adjustment
Number of pieces
Cutting length limitation
Material selection, including sheet thickness



- We have an electro galvanizing line for the surface treatment for our steel parts
- Electrostatic field painting
- Transport
 - 3.5 T Trucks- 4
 - 5.5 T Trucks - 2
 - 20 T Truck - 2

Clients

List of important clients



- Astra Rail Industries (Arad , Caracal , Drobeta Turnu Severin)
 - Astra vagoane calatori
 - Continental automotive Timisoara
 - Aerostar Bacau
 - Alstom Romania
 - Heineken
 - Coca-Cola companies in Romania
 - Romaero
 - Tenaris Silcotub
 - Dedeman
 - Leroy Merlin
 - The institute of atomic physics Magurele
 - Compa Sibiu
 - Holcim Group
 - Phillip Morris
- ETC.