PLATFORMS AND STRUCTURES

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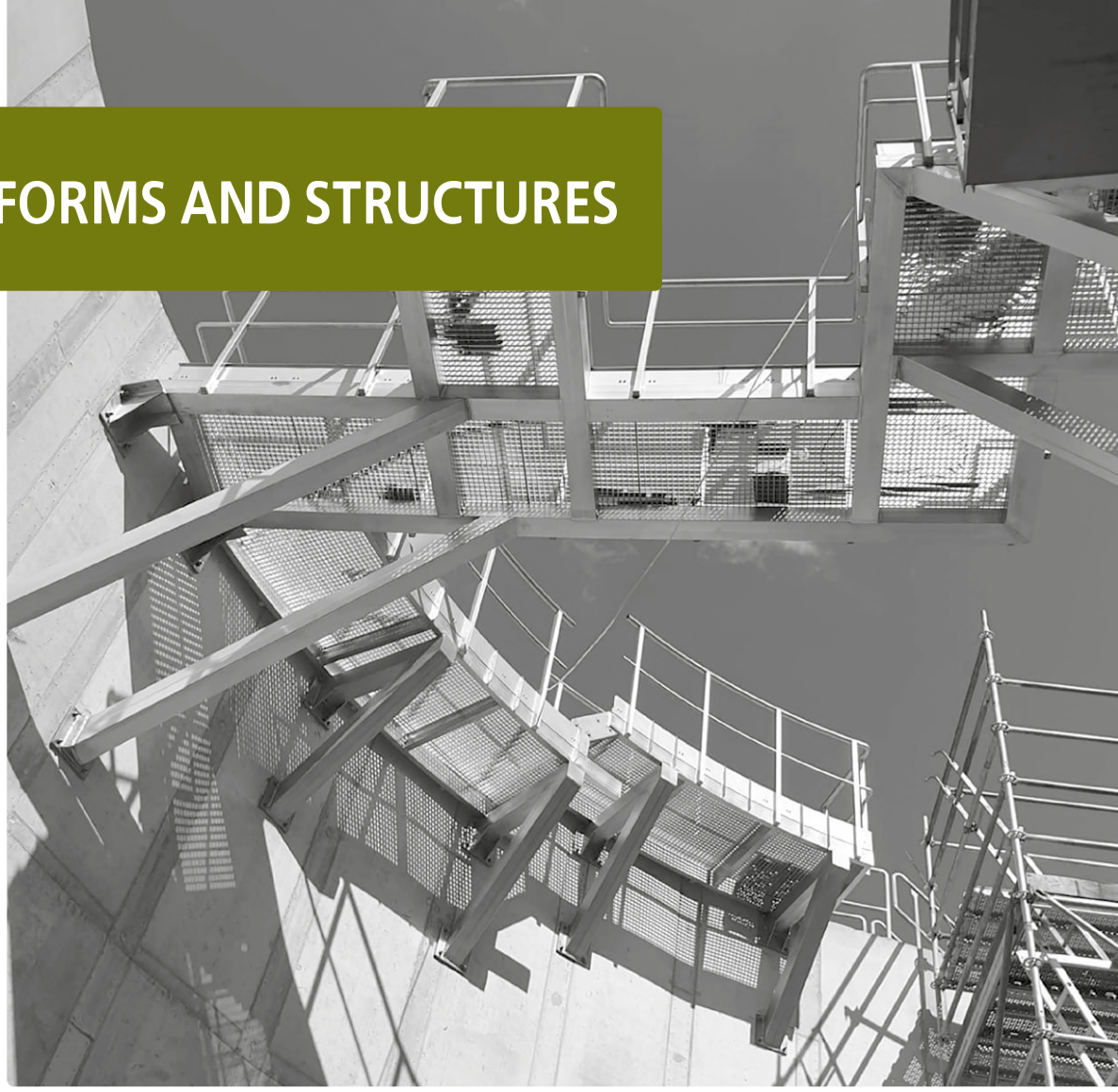


Technological platforms are elements of engineering structures that ensure safe access to a given industrial zone. Platforms are applied to eliminate hazards and ensure the safety of employees working at heights. Due to the customized shape of each platform, these constructions allow employees easy and safe access to specific working areas.

All platform structures are designed and manufactured in accordance with the following standards:

1. Safety of machinery – Permanent means of access to machinery – Part 1:Choice of fixed means of access between two levels: **PN-EN ISO 14122-1:2016-08.**

2. Safety of machinery – Permanent means of access to machinery – Part 2: Working platforms and walkways **PN-EN ISO 14122-2:2016-08.**

3. Safety of machinery – Permanent means of access to machinery – Part 3: Stairs, stepladders and railings: **PN-EN ISO 14122-3:2016-08.**

4. Safety of machinery – Permanent means of access to machinery – Part 4: Fixed ladders **PN-EN ISO 14122-4:2016-08.**

5. **PN-EN 1090-1:2012 Part 1**:
Rules of compliance assessment for constructional components

PN-EN 1090-2:2012 Part 2:
Technical requirements for steel structures

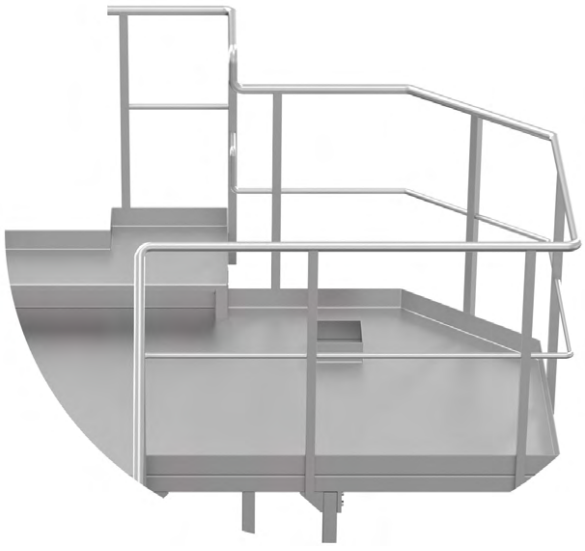
PLATFORMS AND STRUCTURES

Prefabrication and installation of:

- technological platforms and production lines,
- technological platforms supporting technical walkways that allow for operation of machines and devices,
- walkways connecting technical objects,
- platforms and industrial stairs,
- railings.

RAILINGS AND HANDRAILS

Elements made of stainless steel may be applied both outside and inside buildings. Due to the high hygienic parameters of the material and the finishing technology, constructions may be installed in e.g. food processing plants or the pharmaceutical industry. Their aesthetic appearance (satin or gloss finish) makes stainless steel railings popular as an architectonic element of buildings.



PLATFORM GRATINGS AND STEPS

Gratings and steps manufactured by ATT are widely used as elements of platforms, landings, internal and external staircases, footbridges, for protection of manhole covers, access ramps for the disabled, on communication routes near pipelines and tanks, etc.

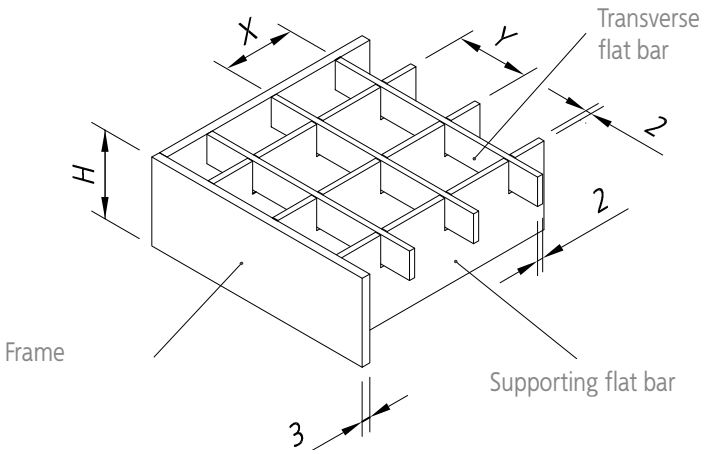
PLATFORM GRATINGS AND STEPS

These products are used in any construction projects, regardless of an industry, improving safety and work comfort, as well as blending into interior design and the architecture of the surrounding environment. Stainless steel products meet high durability standards, are resistant to adverse environmental impacts, are maintenance-free, and guarantee stability of the structure and work safety. The perception of stability is a highly significant factor from a psychological point of view, in particular in case of users of platforms and landings built at great heights.

WE OFFER TWO TYPES OF PLATFORM GRATINGS

Smooth gratings – transverse flat bars are tightly settled into load-carrying flat bars, and then welded into an edge frame made of a 3 [mm] thick flat bar.
Serrated gratings – are characterized by an increased friction coefficient due to cuts on load-bearing and transverse flat bars, thus increasing their anti-slippery properties. Cut gratings are applied to create platforms in places where there is a risk associated with snow, ice, lubricants and moisture.

SMOOTH GRATING



height H [mm]	dimension X [mm]	dimension Y [mm]
20/25/30/40	12.5	25
20/25/30/40	25	25
20/25/30/40	33	33

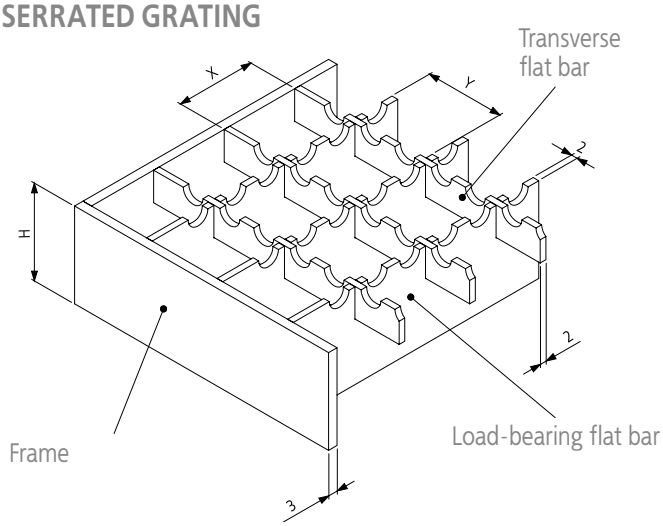
PLATFORM GRATINGS AND STEPS

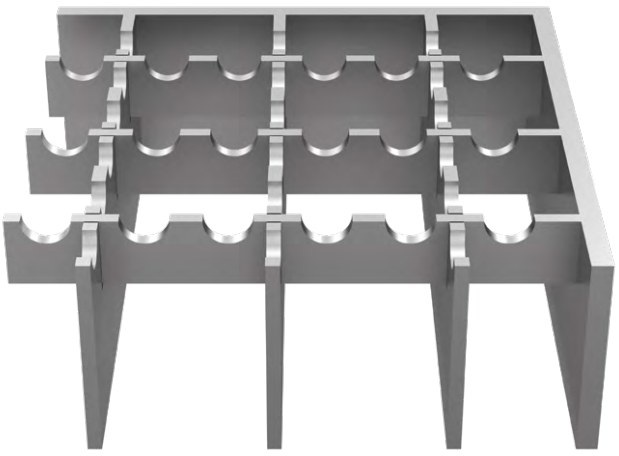
DESCRIPTIONS

Load-bearing flat bars – bear the load of the grating and are positioned vertically, at the same time maintaining equal spacing.

Transverse flat bars – they connect all load-bearing flat bars through their tight settling in gaps and welding.
Grating mesh dimension – it is a gap between axes of adjacent load-bearing and transverse flat bars.

SERRATED GRATING





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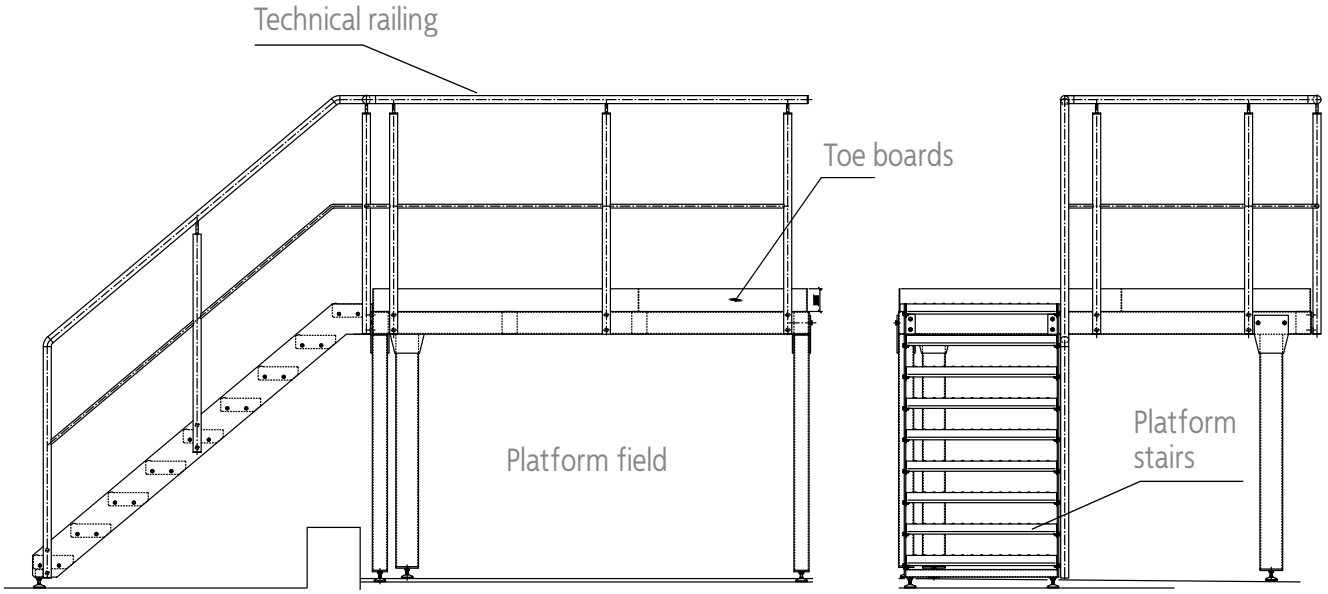
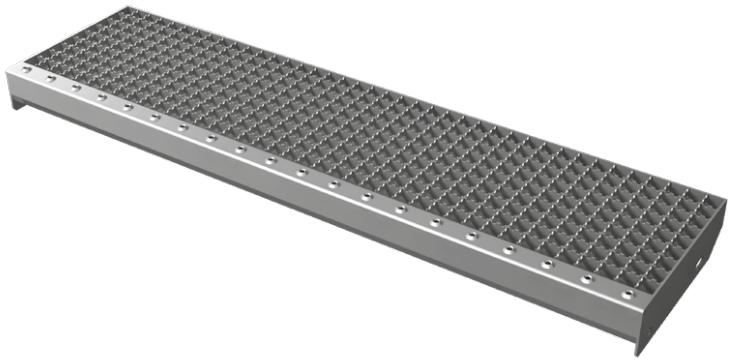
PLATFORM GRATINGS AND STEPS



STAIR STEPS DIMENSIONS [mm]

L	600			800			900			1000			1200		
B	240	270	305	240	270	305	240	270	305	240	270	305	240	270	305
h	Supporting flat bars dimensions														
n	120	150	180	120	150	180	120	150	180	120	150	180	120	150	180



STAIR STEPS

A stair step is made based on a platform grating and is equipped with an additional special side frame which allows for quick and easy installation to the supporting structure.
Stairs are used as entrances to basements, attics, and car repair pits, in warehouses etc.
By standard, we manufacture stairs of the following lengths: 600, 800, 900, 1000 and 1200 [mm].
Customized dimensions are available.

LEGEND:
L – load-bearing length
B – step width
h – step height
n – spacing of openings in stringer sheets