

3D METAL PROJECT

**METAL PRODUCTS MANUFACTURING
COMPANY**

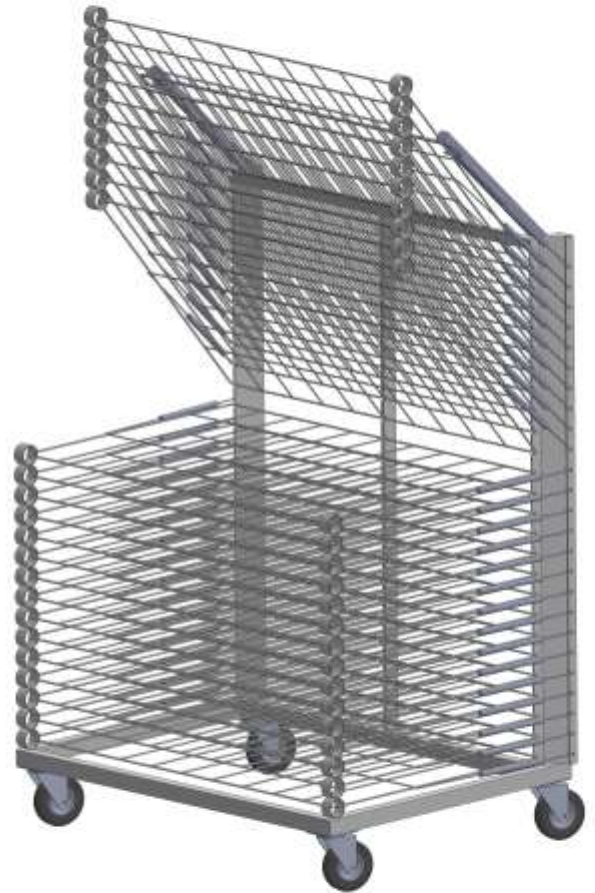
SCREEN PROCESS DRYING RACKS
TRAY CARTS
EURO HOOKS
MANUFACTURE OF METAL PRODUCTS



SCREEN PROCESS DRYING RACKS

Manufacturing and sales of drying racks are one of the key areas of our business activity. We produce racks not only for drying prints made on paper but also on foil, ceramics, glass, rubber, fabric and plastic.

Our drying racks are used by various industries dealing with screen printing, printing, transfer printing, pad printing, spray printing, powder coating and so on. One can take advantage of using them for other technological processes that are unrelated to applying coats.



Construction of drying racks

Metal frame

It is made of closed steel profile in a special shape which is powder coated or zined.



SCREEN PROCESS DRYING RACKS

Shelves

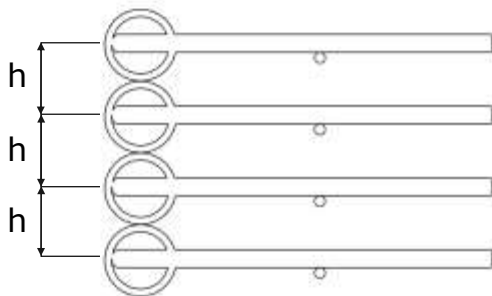
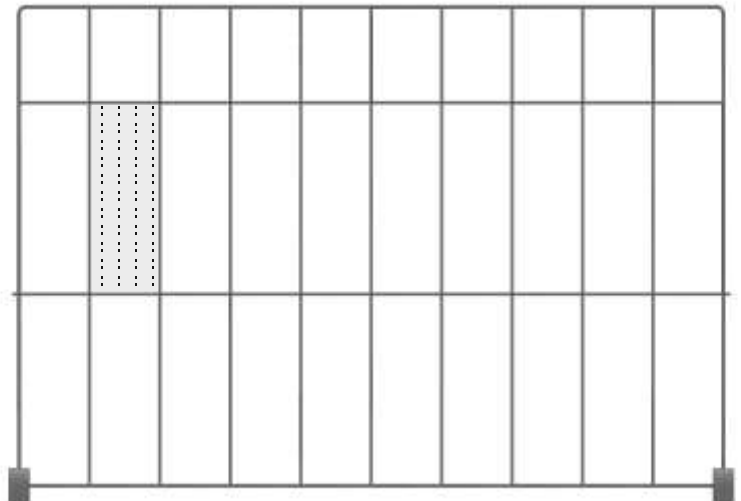
Powder coated or zined shelves are made of heat sealed and spot welded steel wires.

The standard dimensions of a mesh in the shelf are 18 cm x 9 cm.

In the front part of the shelves there are distance spacers made of metal or plastic which enable to keep the fixed distance between the individual shelves. Dried printed production in the form of sheets can be easily pulled out without raising the shelves.

The construction of the shelves is adjusted to sizes and loads on request. The shelves in our drying racks have no additional distance spacers on the front part even if the length exceeds 200 cm.

Two types of distance spacers are applied – a distance ring or a distance sleeve.

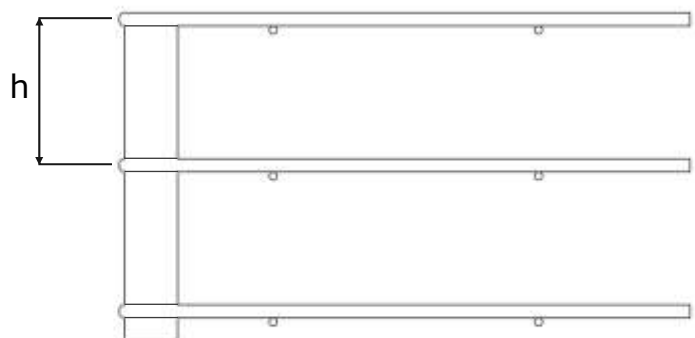
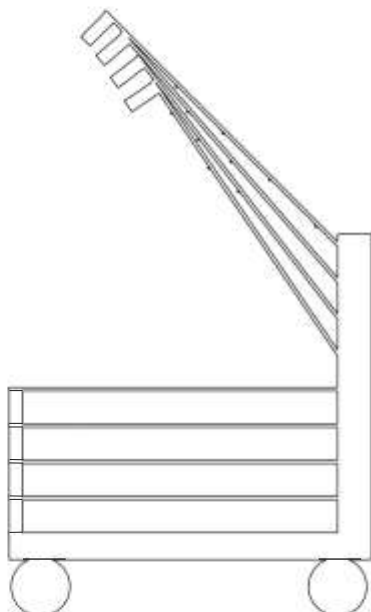


Distance rings

Distance rings enable to raise and lower a large number of shelves simultaneously. The dimensions "h" for these distant spacers are according to the standard: 24mm, 27mm, 32mm, and 50mm.

Distance sleeves

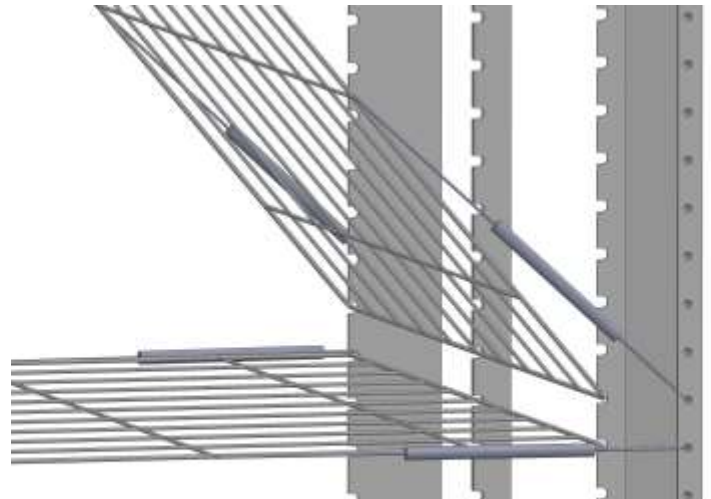
The dimension "h" for the distance sleeves is over 50mm.



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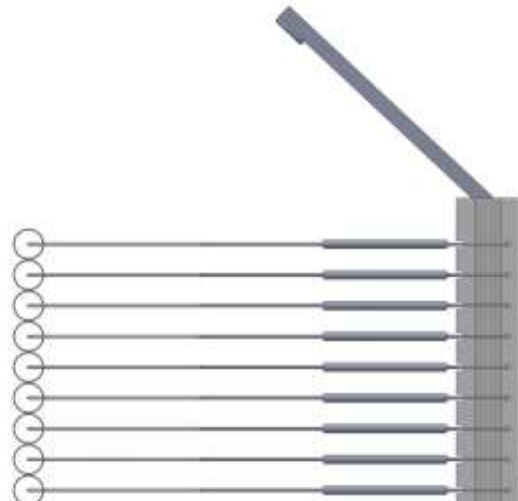
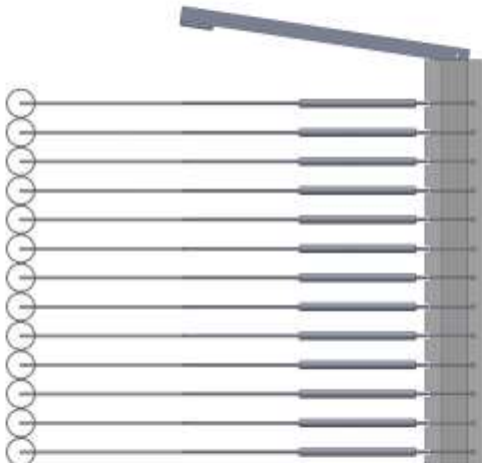
Shelves mounting system

The springs and hooks attached to the frame enable the shelves to be lifted and held in their upper position.



Top limiter

It is the part of a drying rack which limits upper end position of the shelves. It can be folded.



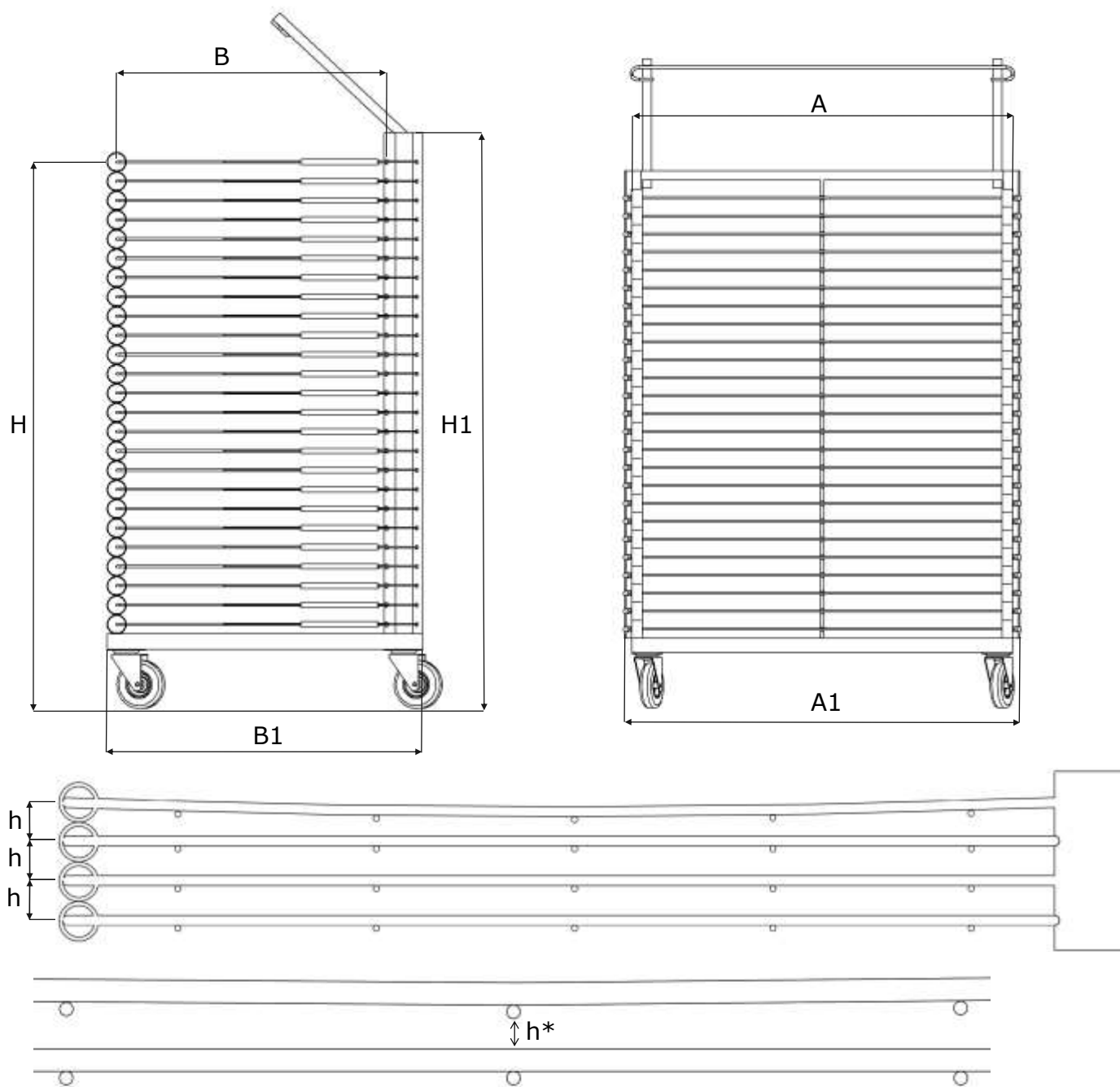
Wheels

Swivel casters mounted to the drying racks enable their easy rolling movement.

Swiveling, ball-bearing wheels can be adapted to the needs of your specific company working conditions, e.g. with a brake or heat-resistant wheels.



SCREEN PROCESS DRYING RACKS



Code	External dimension (A1 x B1 x H1)	Working dimension (A x B)	Number of shelves	Distance between shelves*	Maximum paper size
SP.72.52.24.25	80 cm x 60 cm x 80 cm	72 cm x 52 cm	25	24 mm / 12-15mm	B2
SP.72.52.24.50	80 cm x 60 cm x 140 cm	72 cm x 52 cm	50	24 mm / 12-15mm	B2
SP.110.75.24.50	120 cm x 85 cm x 145 cm	110 cm x 75 cm	50	24 mm / 12-15mm	B1+
SP.102.72.24.50	110 cm x 80 cm x 145 cm	102 cm x 72 cm	50	24 mm / 12-15mm	B1
SP.130.72.24.50	140 cm x 100 cm x 145 cm	130 cm x 92 cm	50	24 mm / 12-15mm	
SP.150.75.24.50	150 cm x 85 cm x 145 cm	150 cm x 75 cm	50	24 mm / 12-15mm	3 x B2
SP.150.100.27.50	162 cm x 115 cm x 151 cm	150 cm x 100 cm	50	27 mm / 12-15mm	B0

- The theoretical distance between the axes of the shelves (h)/safety clearance between the shelves (h*)

Colours: frame – RAL 5002, shelves – RAL 9006. Other colours are available on request.

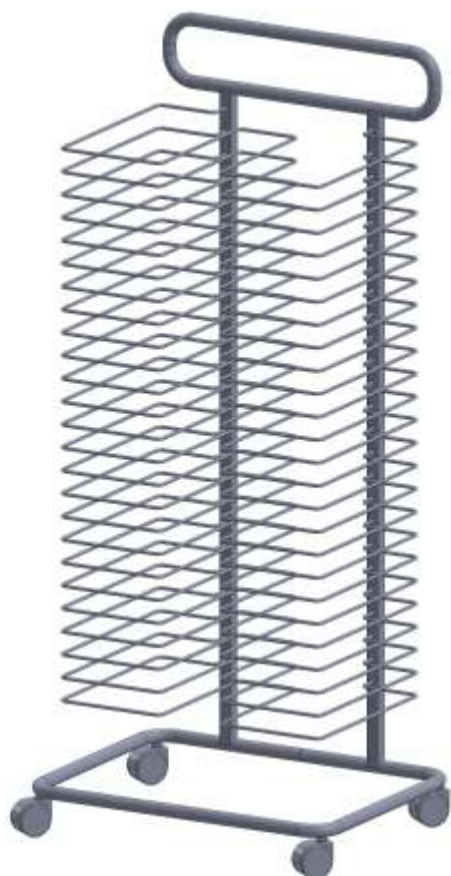
SCREEN PROCESS DRYING RACKS NON-STANDARD

After establishing the individual details we are able to create an offer of manufacturing non-standard drying racks.

We can produce:

- Drying racks with any shelf formats. The largest produced shelf format is 130cm x 220cm.
- Other mesh dimensions.
- Drying racks with other number of shelves in a frame.
- Drying racks – one frame and two sets of shelves on the opposite sides.
- Drying racks with other distances between shelves.
- Drying racks resistant to high temperature adjusted to printing works in stoves.
- Other colours from the RAL colour palette available on request.

DRYING RACKS FOR ART STUDIOS



- Drying racks designed for drying sheets of paper, 52cm x 35cm in size, or smaller.
- Powder coated metal construction.
- Fixed shelves.
- Swivel wheels.

Code	External dimension	Working dimension	Number of shelves	Distance between shelves	Maximum paper size
SPP.44.32.35.25	52 cm x 40 cm x 118 cm	44 cm x 32 cm	25	35 mm	B3 lub 2 x B4

Colours: RAL 5002. Other colours are available on request.

TRAY CARTS

Tray carts are used in workshops dealing with screen printing, pad printing, leather-working and so on.

They are used for objects with irregular shapes (e.g. ballpoints, key rings, belts) which are arranged during different technological processes on so called trays to dry, store and transport.

Single trays must be placed at subsequent levels of the metal frame of the cart.

We offer a powder coated metal cart made of closed steel profiles. Mounted swiveling wheels can be adapted to the needs of your specific company conditions e.g. with a brake or heat-resistant wheels.

There is a possibility of purchasing the cart without trays.



Code	External dimension (A1 x B1 x H1)	Working dimension (A x B)	Number of shelves	Distance between shelves*
WP.60.40.50.20	67 cm x 43 cm x 120 cm	60 cm x 40 cm	20	50 mm
WP.40.60.50.20	47 cm x 63 cm x 120 cm	60 cm x 40 cm	20	50 mm
PAL.60.40.D		60 cm x 40 cm		
WP.80.60.50.20	87 cm x 63 cm x 120 cm	80 cm x 60 cm	20	50 mm
WP.60.80.50.20	67 cm x 83 cm x 120 cm	60 cm x 80 cm	20	50 mm
PAL.80.60.D		80 cm x 60 cm		

EURO HOOKS

Euro hooks made of wire are used for displaying goods on perforated panels.

The basic types of euro hooks:



Hook type "A"



Hook type "B"



Hook type "C"



Hook type "D"



Hook type "E"



Hook type "F"

We analyse the data provided by a client and determine the construction details such as the thickness of wire or the bending angle according to those data.

When ordering please specify:

- The type of hook.
- The length of working part.
- The load.
- The diameter of holes in perforated panels.
- The hole distance in perforated panels.
- The panels thickness.
- The colour number from the RAL colour palette.
- The number of pieces (minimum number 500 pcs).

Upon customers request we can make other types of powder coated hooks after having established the details of the construction.

NOTES

3D METAL PROJECT

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