

**USM**  
Modular Furniture

# modularity meets sustainability

USM Airportsystems AG

2016



1	Introduction
3	The USM concept
4	Check-in desk
10	Security screening
18	Gate counter
28	Passport control counter
30	References
32	USM Surfaces and colors
33	USM Codes

Rather than follow fashion trends, USM Modular Furniture has cultivated its own sense of rigour and sustainability, two inherent values dear to its practice. The USM system comprises of a chrome-plated brass ball joint, chromed steel tubes which connect to the ball forming a stable framework and powder coated metal panels mounted between the tubes. The basic construction allows for infinite design possibilities and since its launch as a brand in 1965 more and more clients, architects and designers are seduced by its basic aesthetic and ultra functionality.

Fifty years on, USM Modular Furniture has become a design classic. The product continues to perfect itself with the strength of its 100% Swiss manufacturing processes. It remains to inspire new interiors around the world.

In 2011 USM entered into a business cooperation to offer airports the combination of a product that fulfills the diversified demand of the user with the vision of planners and architects. USM Airportsystems has meanwhile completed projects for more than 15 airports and national airport authorities world-wide.





**Modularity** - if the space, situation or desired use of the unit changes, the modules can be disassembled and reconstructed.

**Sustainability** - the longer a product can be used, the more economical it is and the less impact it has on the environment.

USM Modular Furniture was the first company in Europe to achieve the Greenguard certificate allowing it to qualify for LEED rating.

**Robust** - steel panels combined with a virtually indestructible polished chrome frame.

**Flexibility** - units can be dismantled and reconfigured at any time.

They can be organized individually, extended using new elements or combined with parts from decades ago without a visible difference. If a scanner is updated only one panel needs replacing.

**No fire load** - confirmed by Building Material Test Certificate B1.

**Cost and time efficiency with low maintenance costs** - alterations or rebuilding can be undertaken on site and by the owners themselves.

**Versatility** - the steel panels can be replaced by wood, HPL, stone or glass.

Check-in desk



widerøe norwegian  
Selvbetjent bag drop  
Self service bag drop

widerøe norwegian  
Selvbetjent bag drop  
Self service bag drop

widerøe norwegian  
Selvbetjent bag drop  
Self service bag drop

widerøe norwegian  
Selvbetjent bag drop  
Self service bag drop

SAS  
SAS



SELV BETJENT

SELV BETJENT

## Check-in desk

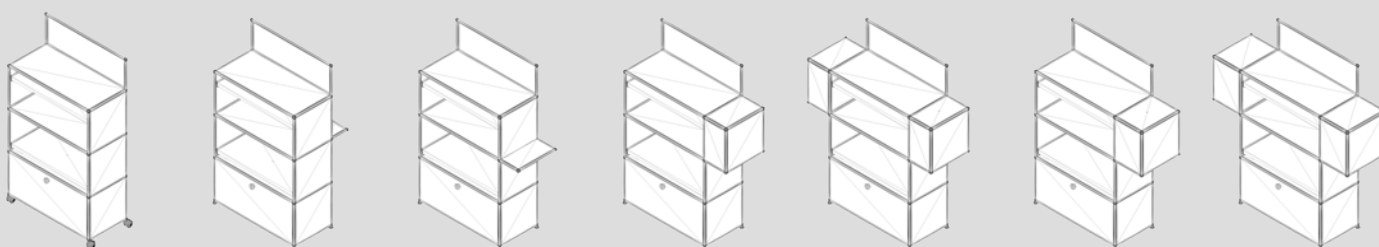
### Axial Measurements:

#### 1. Width 500/Depth 350



1.1. W 500mm D 350mm H 1130mm*	1.2. W 500mm D 525mm H 1090mm*	1.3. W 675mm D 350mm H 1090mm*	1.4. W 700mm D 350mm H 1090mm*	1.5. W 900mm D 350mm H 1090mm*	1.6. W 750mm D 350mm H 1090mm*	1.7. W 1000mm D 350mm H 1090mm*
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#### 2. Width 750/Depth 350



2.1. W 750mm D 350mm H 1130mm*	2.2. W 750mm D 525mm H 1090mm*	2.3. W 925mm D 350mm H 1090mm*	2.4. W 950mm D 350mm H 1090mm*	2.5. W 1150mm D 350mm H 1090mm*	2.6. W 1000mm D 350mm H 1090mm*	2.7. W 1250mm D 350mm H 1090mm*
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#### 3. Width 500/Depth 500



3.1. W 500mm D 500mm H 1130mm*	3.2. W 500mm D 675mm H 1090mm*	3.3. W 675mm D 500mm H 1090mm*	3.4. W 700mm D 500mm H 1090mm*	3.5. W 900mm D 500mm H 1090mm*	3.6. W 750mm D 500mm H 1090mm*	3.7. W 1000mm D 500mm H 1090mm*
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#### 4. Width 750/Depth 500

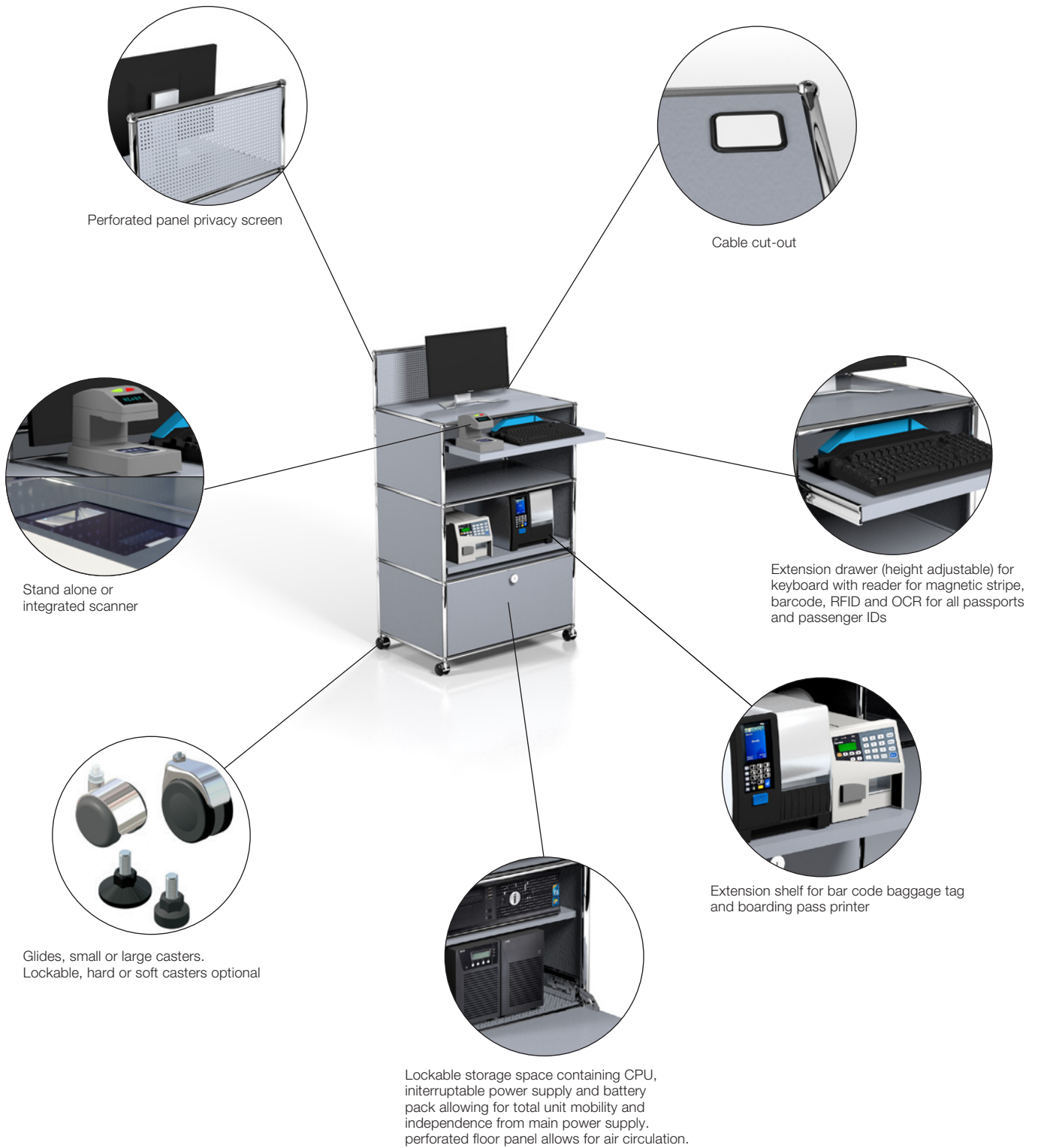


4.1. W 750mm D 500mm H 1130mm*	4.2. W 750mm D 675mm H 1090mm*	4.3. W 925mm D 500mm H 1090mm*	4.4. W 950mm D 500mm H 1090mm*	4.5. W 1150mm D 500mm H 1090mm*	4.6. W 1000mm D 500mm H 1090mm*	4.7. W 1250mm D 500mm H 1090mm*
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## Check-in desk

Details:





Ålesund Airport, Norway

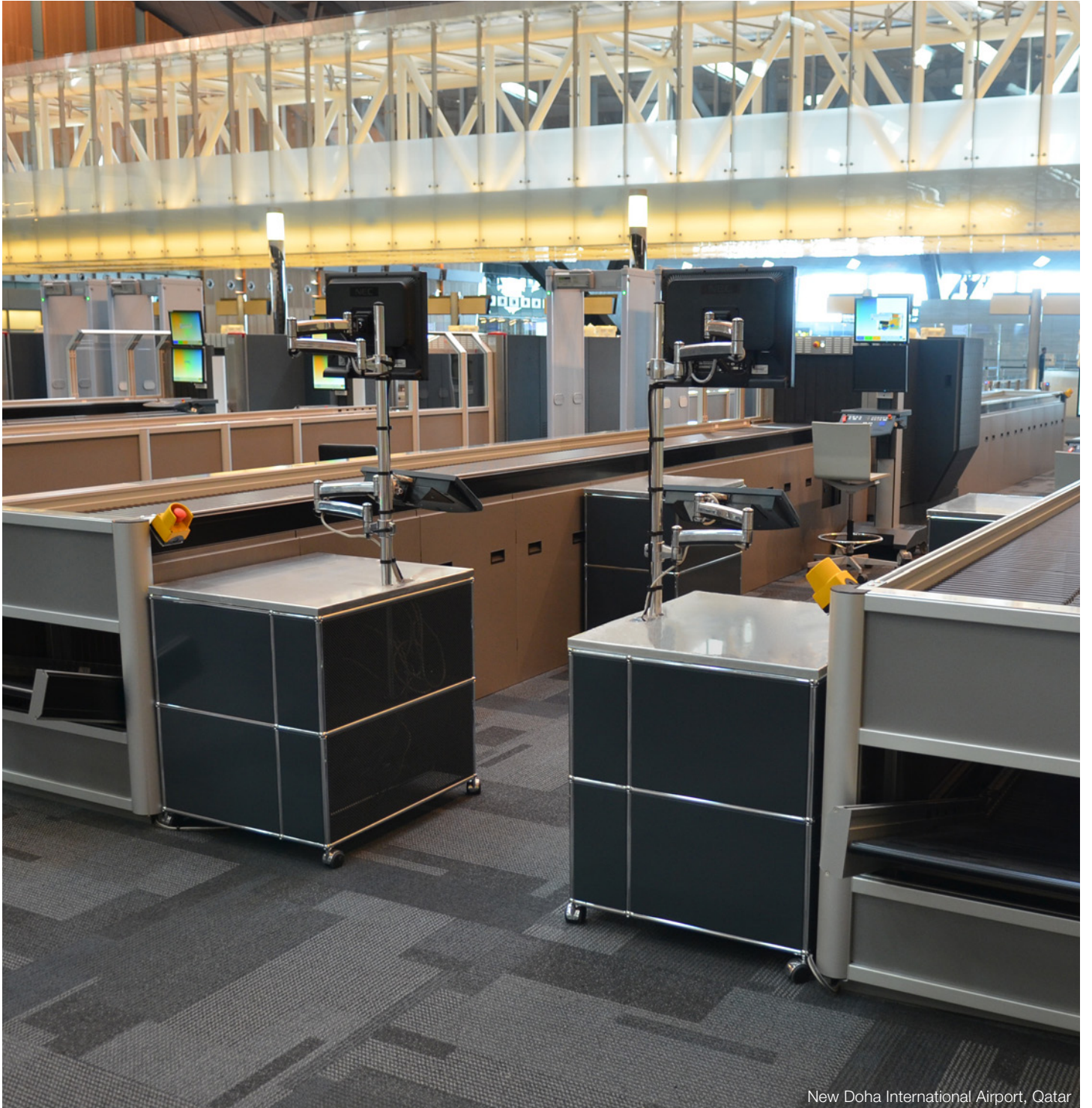


Leipzig/Halle Airport, Germany

Security screening

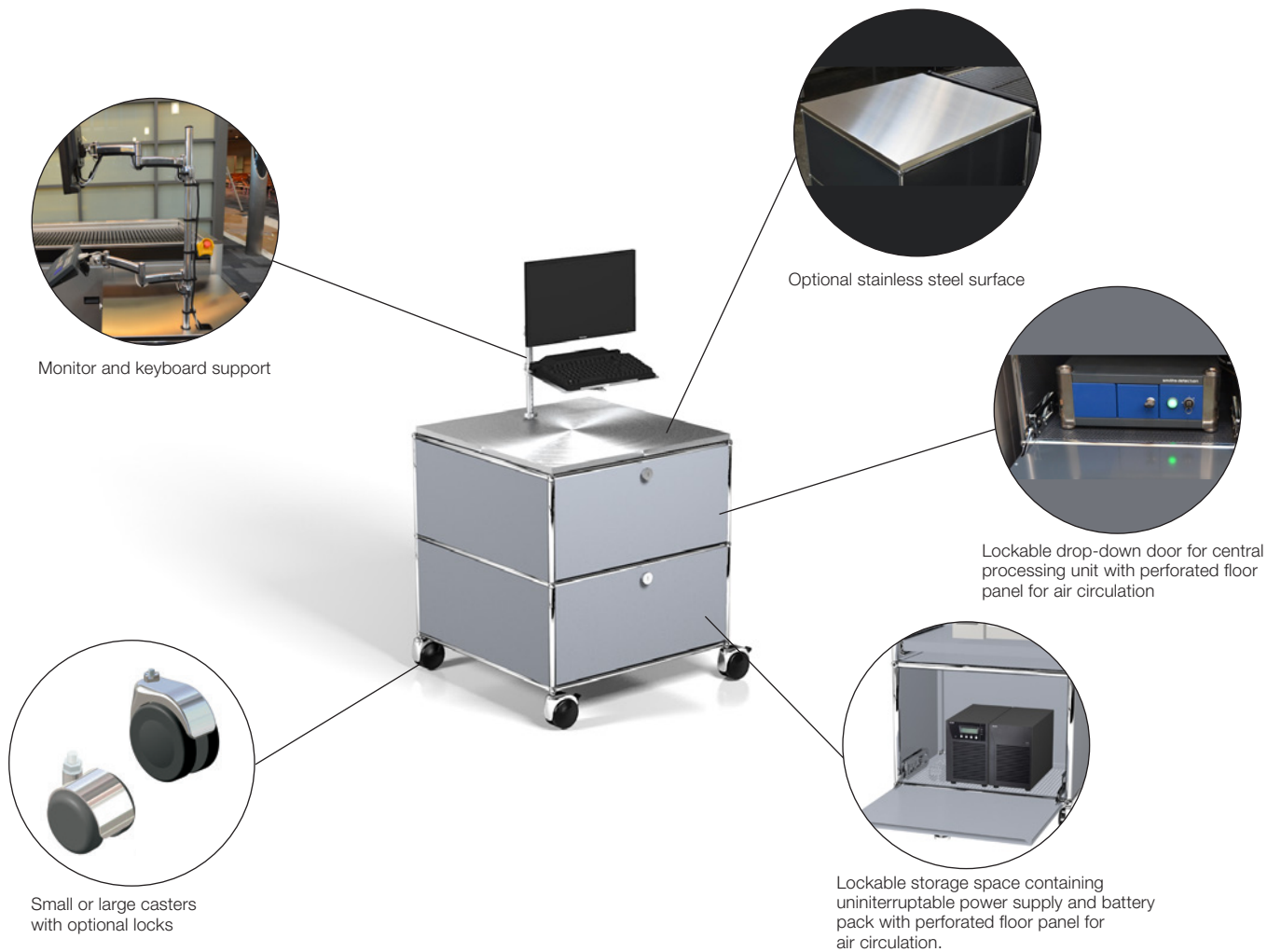


New Doha International Airport, Qatar

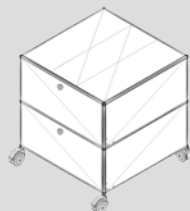


New Doha International Airport, Qatar

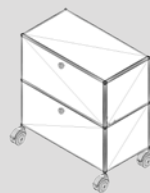
Details:



Axial Measurements:



1. W 750 mm  
D 750 mm  
H 840 mm



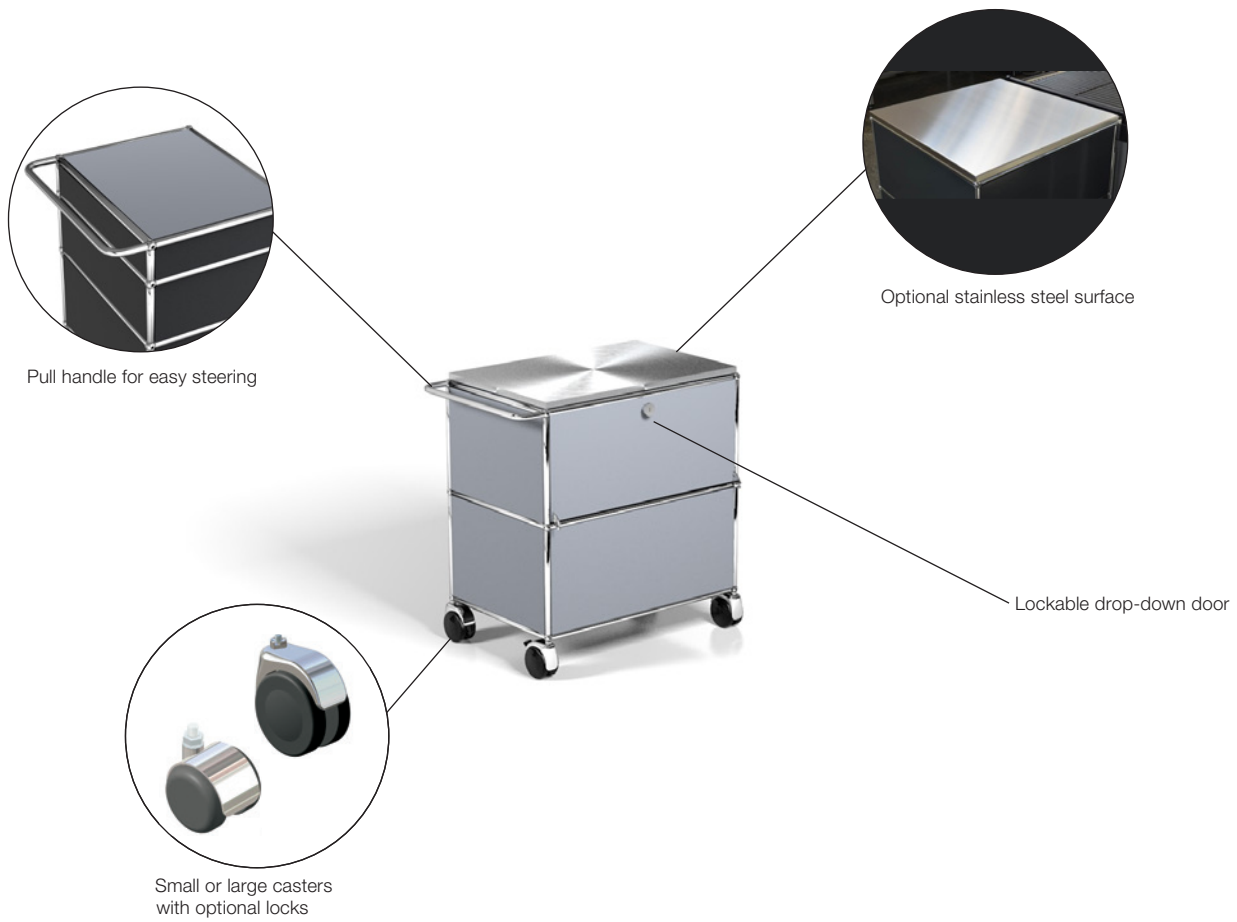
2. W 750 mm  
D 395 mm  
H 840 mm



New Doha International Airport, Qatar



Details:



Axial Measurements:



1. W 750mm  
D 750mm  
H 840mm



2. W 750mm  
D 500mm  
H 840mm



3. W 750mm  
D 395mm  
H 840mm

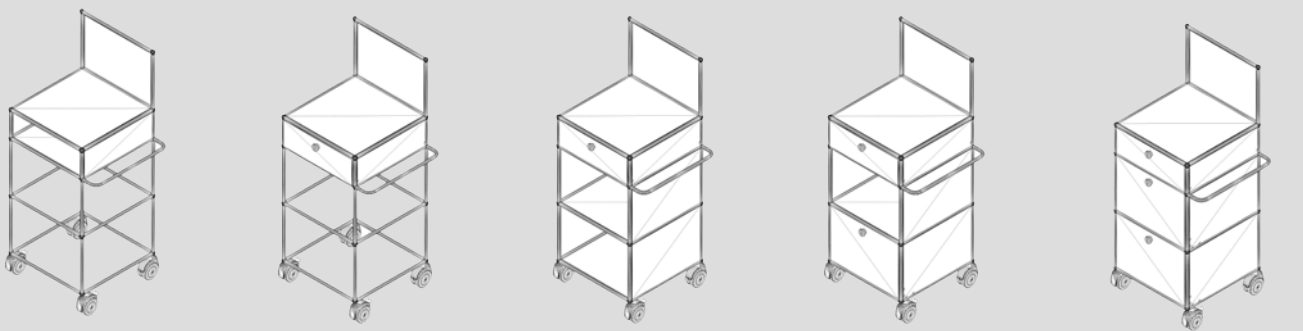


New Doha International Airport, Qatar

Details:



Axial Measurements:



1 W 500mm  
D 500mm  
H 1015mm\*

2 W 500mm  
D 500mm  
H 1015mm\*

3 W 500mm  
D 500mm  
H 1015mm\*

4 W 500mm  
D 500mm  
H 1015mm\*

5 W 500mm  
D 500mm  
H 1015mm\*

\* Working surface height



Gate counter

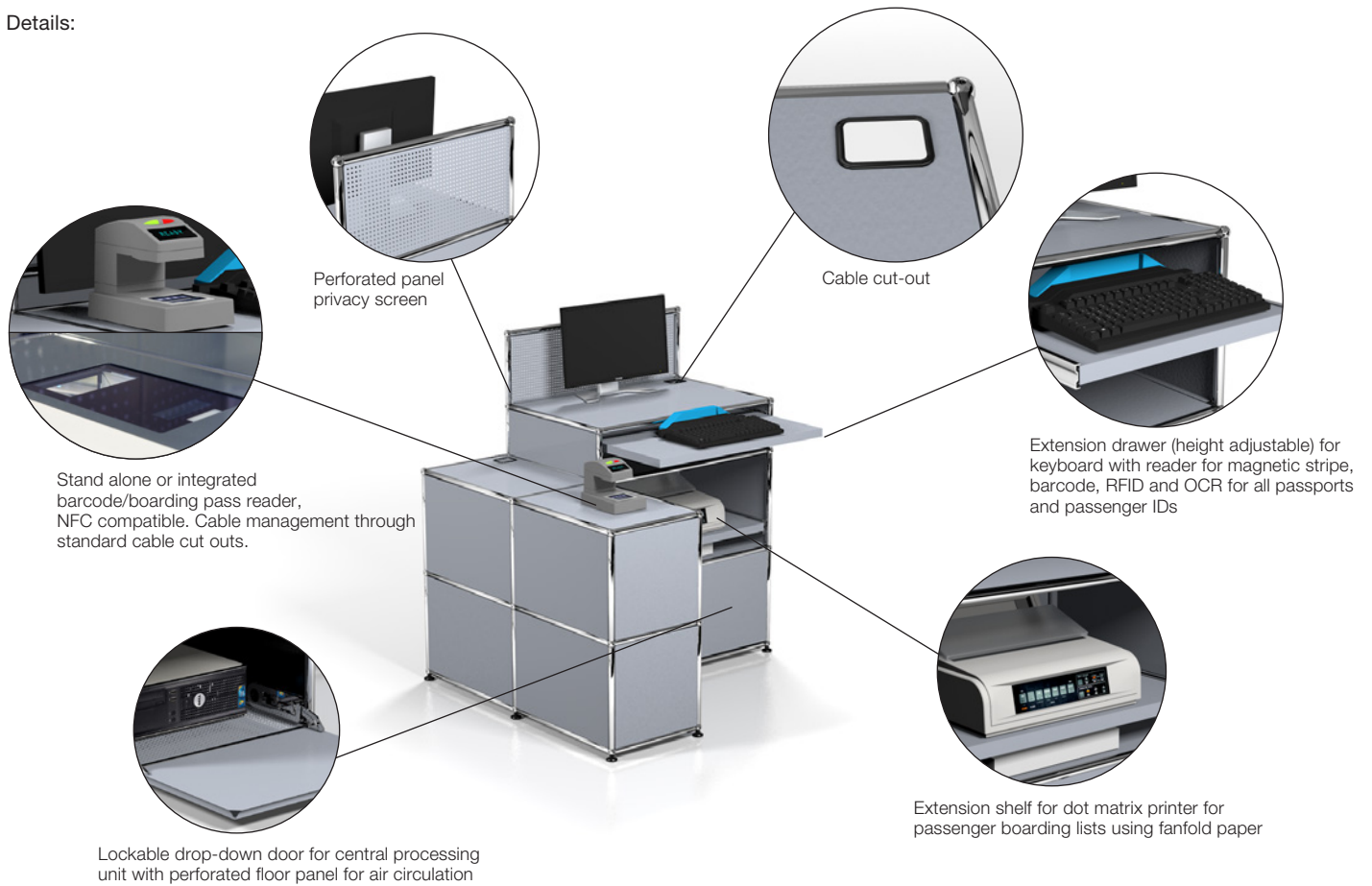




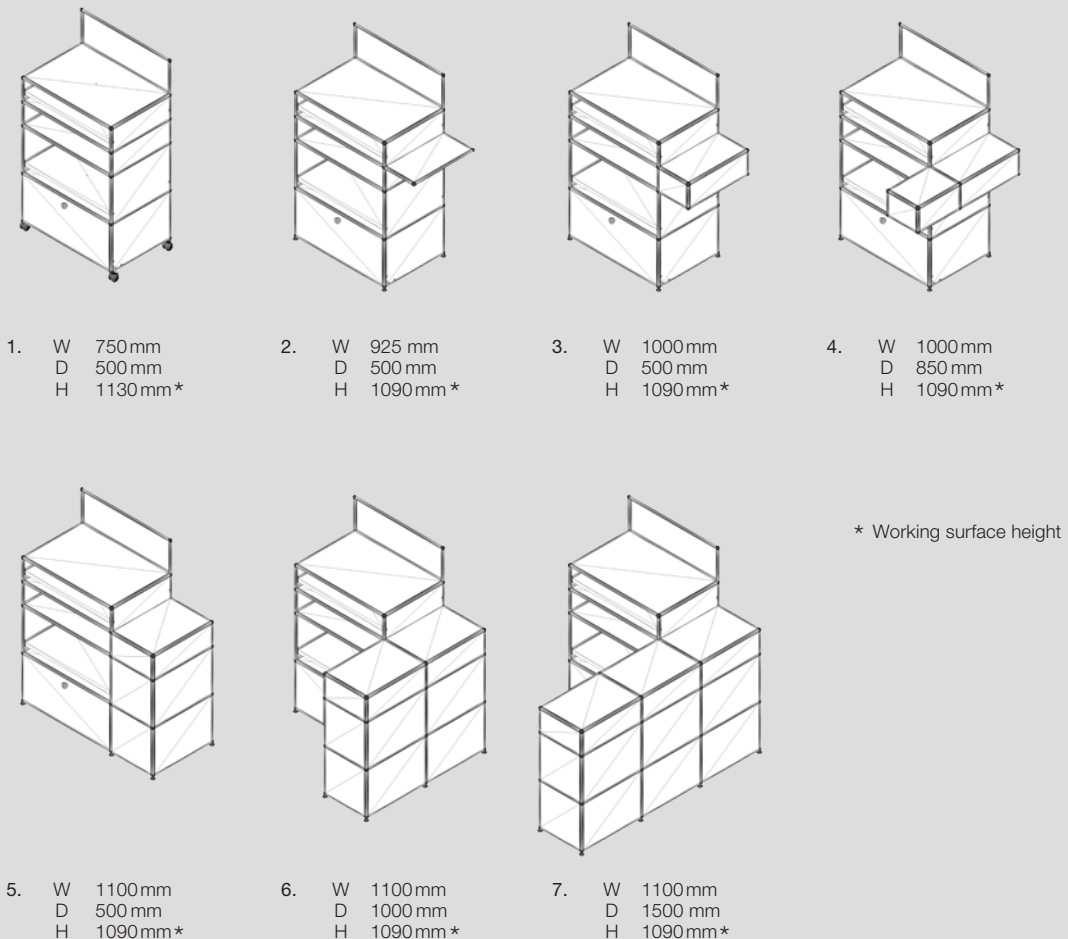
Sandefjord Airport, Torp, Norway

Gate counter – One lane counter

Details:



Axial Measurements:





Kristiansand Airport, Norway



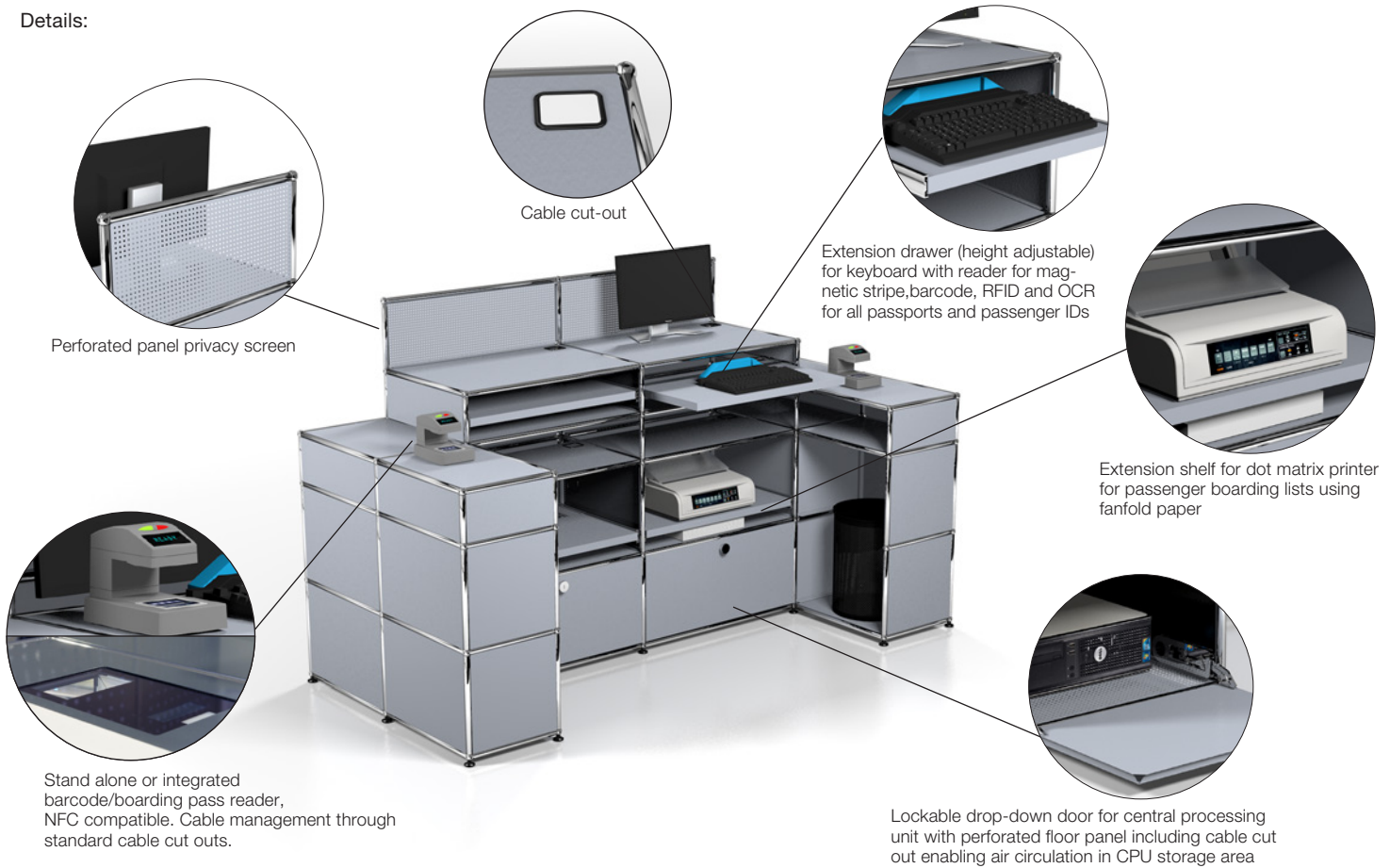


Sandefjord Airport, Torp, Norway

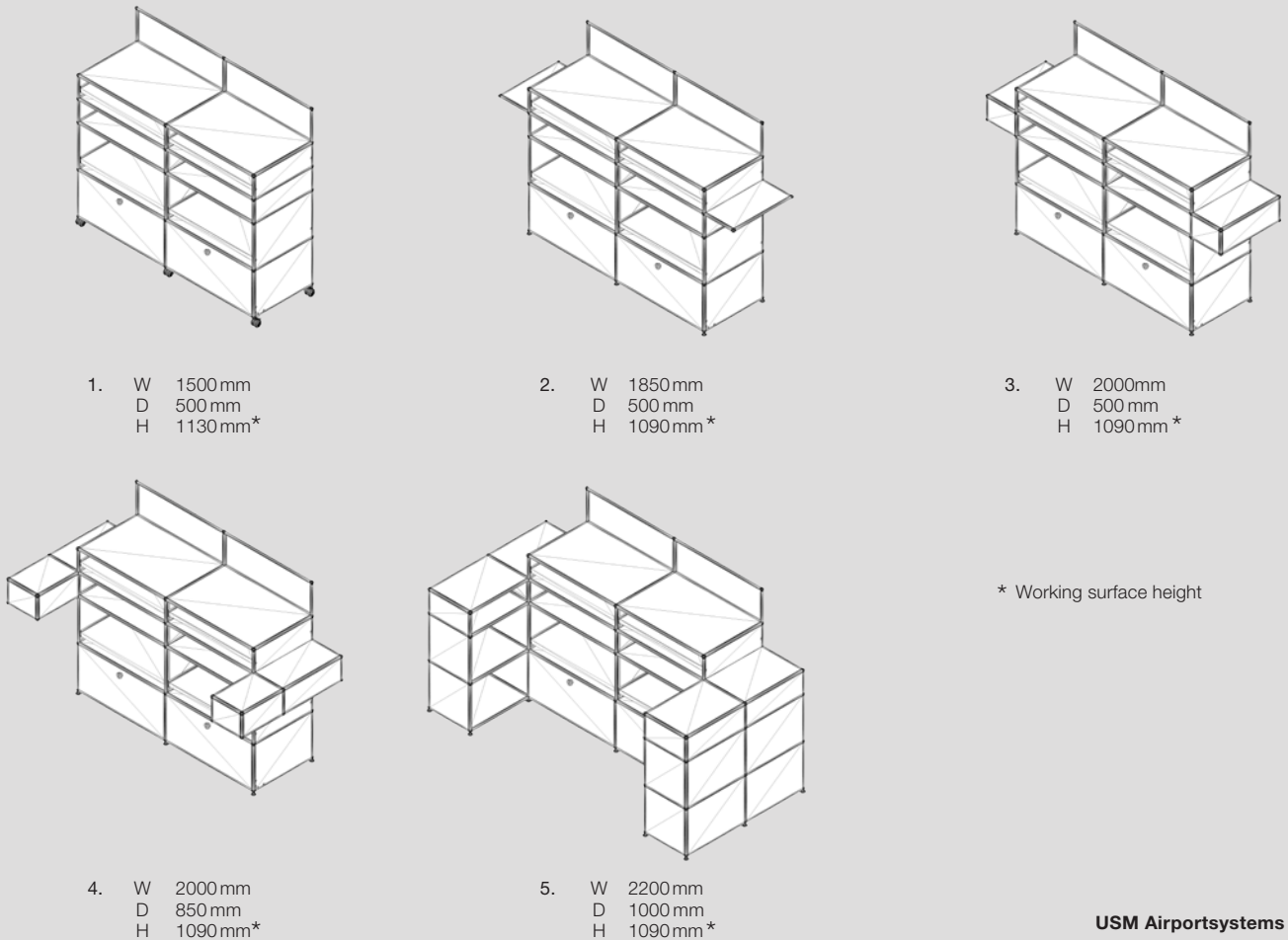


Gate counter – Two lane counter

Details:



Axial Measurements:







Sandefjord Airport, Torp, Norway

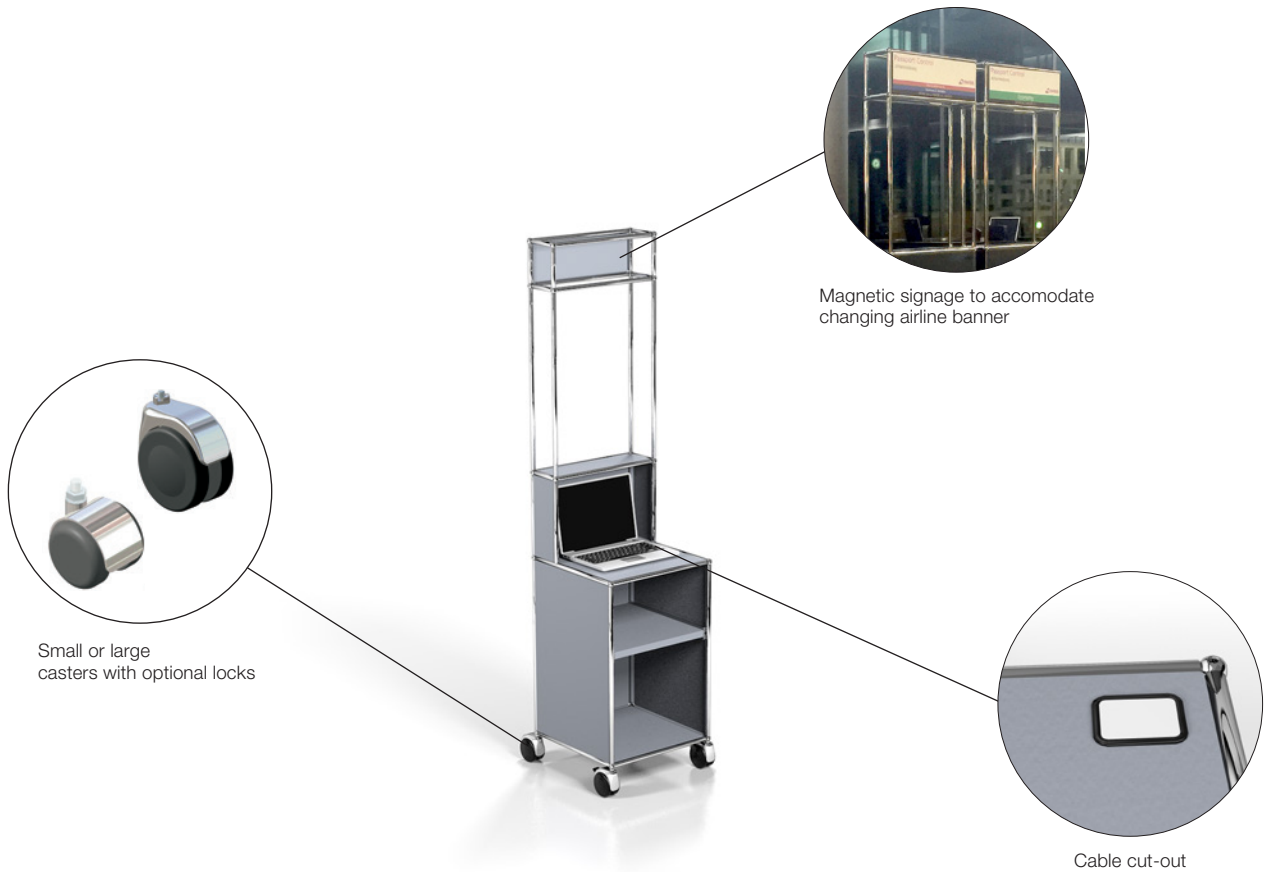


Zürich Airport, Switzerland

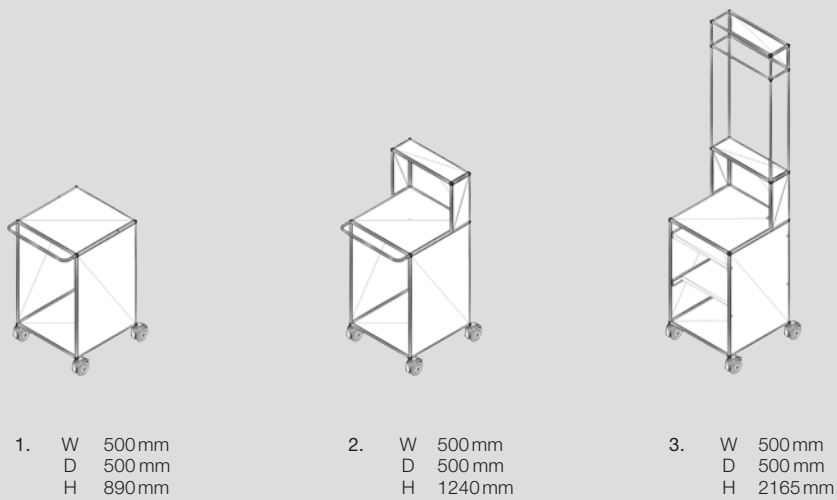
# Passport control counter

## Passport control counter

Details:



Axial Measurements:





Sandefjord Airport, Torp, Norway





## References

2016

**CHARLEROI AIRPORT**  
Brussels, Belgium  
Gate Counter

**MUSCAT INTERNATIONAL AIRPORT (MU)**  
Oman  
Check-in counter

**EUROAIRPORT BASEL (MU)**  
Switzerland  
Gate counter

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2015

**ZÜRICH AIRPORT**  
Switzerland  
Passport control counter

**COTE D'AZUR AIRPORT**  
France  
Security counter  
Check-In counter

**MARSEILLE AIRPORT**  
France  
Bag drop off counter

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2013

**MIS CHOICE**  
Illinois, USA  
Check-in counter for Condor with  
integrated technology

**46 NORWEGIAN AIRPORTS  
IN COOPERATION WITH AVINOR**  
Check-in counter  
Gate counter

**SANDEFJORD AIRPORT**  
Norway (Independent airport)  
Gate counter

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2012

**NEW DOHA INTERNATIONAL AIRPORT**  
Qatar  
Security screening furniture

**BERLIN BRANDENBURG AIRPORT**  
Germany  
Check-in counter

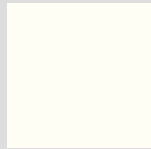
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2011

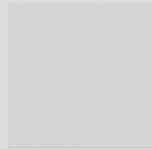
**LEIPZIG/HALLE AIRPORT**  
Germany  
Information desk  
Boarding pass control counter  
Gate counter  
Administrative offices  
Lighting and signage

# USM Colors and surfaces

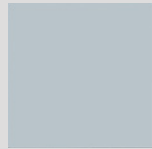
## Metal panel colors



Pure white  
RAL 9010



Light gray  
RAL 7035



USM matte silver



Medium gray  
RAL 7005



Anthracite gray  
RAL 7016



Graphite black  
RAL 9011



Steel blue  
RAL 5011



Gentian blue  
RAL 5010



USM green



Golden Yellow  
RAL 1004



Pure orange  
RAL 2004



USM ruby red



USM brown



USM beige

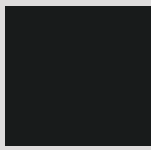


Cable cut-out

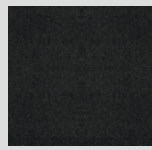


Perforated panel

## Linoleum mounted on MDF



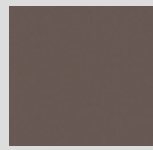
Nero



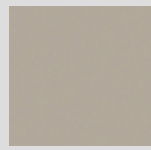
Charcoal



Ash

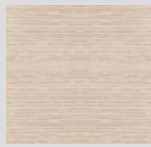


Mauve

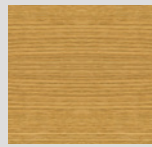


Pebble

## Veneer/HPL mounted on MDF



Oak oiled white



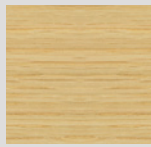
Oak oiled natural



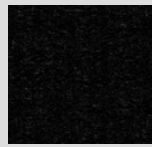
Oak oiled brown



Beech  
natural laquered

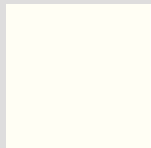


Oak  
natural laquered

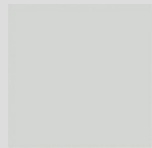


Oak  
black laquered

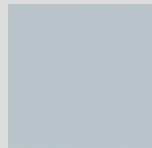
## Powder-coated MDF; Back-lacquered clear glass



Pure white  
RAL 9010



Light gray  
RAL 7035



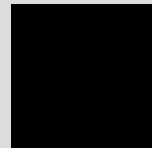
USM matte silver



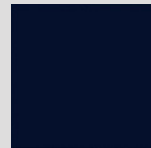
Medium gray  
RAL 7005



Anthracite gray  
RAL 7016



Graphite black  
RAL 9011



Steel blue  
RAL 5011



Gentian blue  
RAL 5010



Pure white  
RAL 9010



Golden Yellow  
RAL 1004



Pure orange  
RAL 2004



USM ruby red

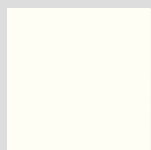


USM brown

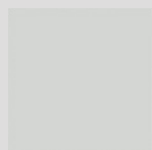


USM beige

## Backlacquered etched glass



Pure white  
RAL 9010



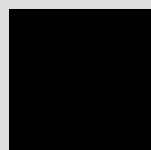
Light gray  
RAL 7035



Medium gray  
RAL 7005



Anthracite gray  
RAL 7016



Graphite black  
RAL 9011



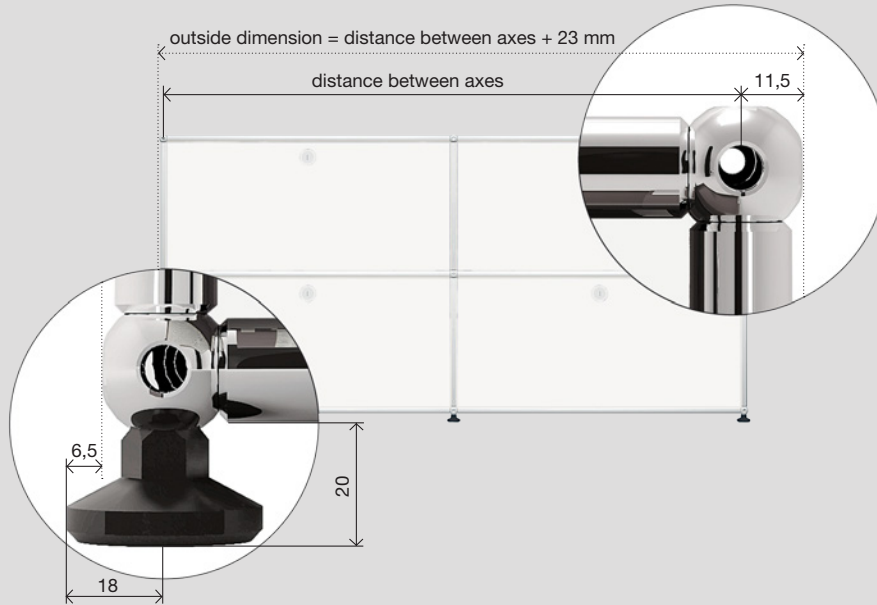
Steel blue  
RAL 5011

## Transparent glass



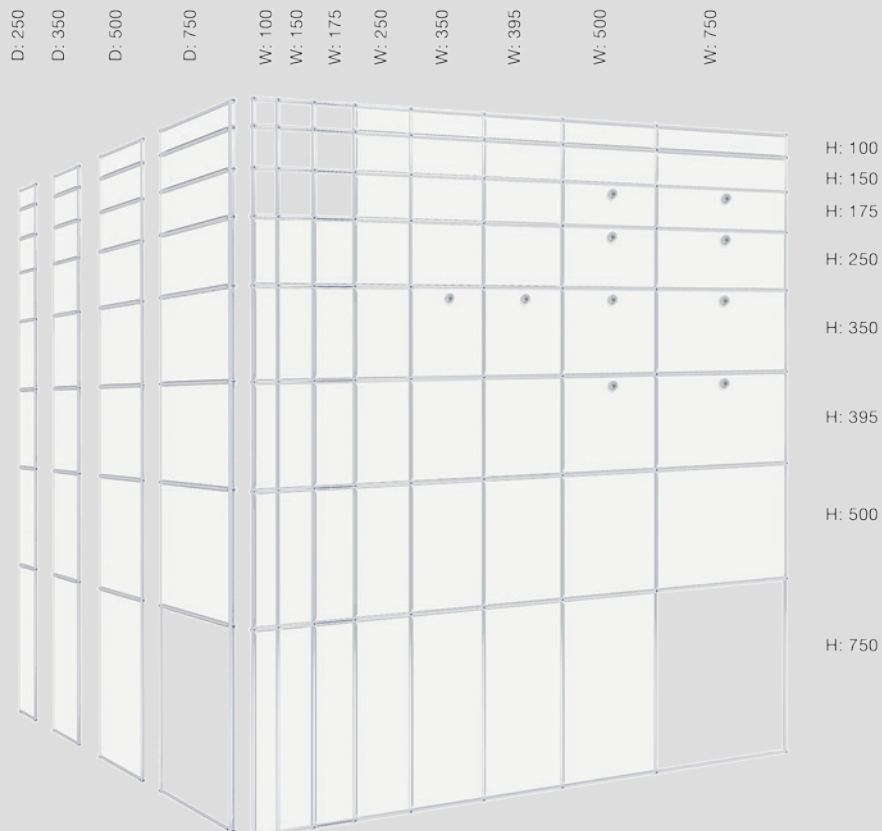
To calculate the external dimensions of a USM counter, 23 mm must be added to the given furniture measurements.

The distance from centre ball to the edge of the ball is 11.5 mm



The standard tube widths, depths and heights are shown in mm. Standard panels are shaded and doors indicated.

All measurements refer to the distance between axes.



**USM**  
Modular Furniture

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