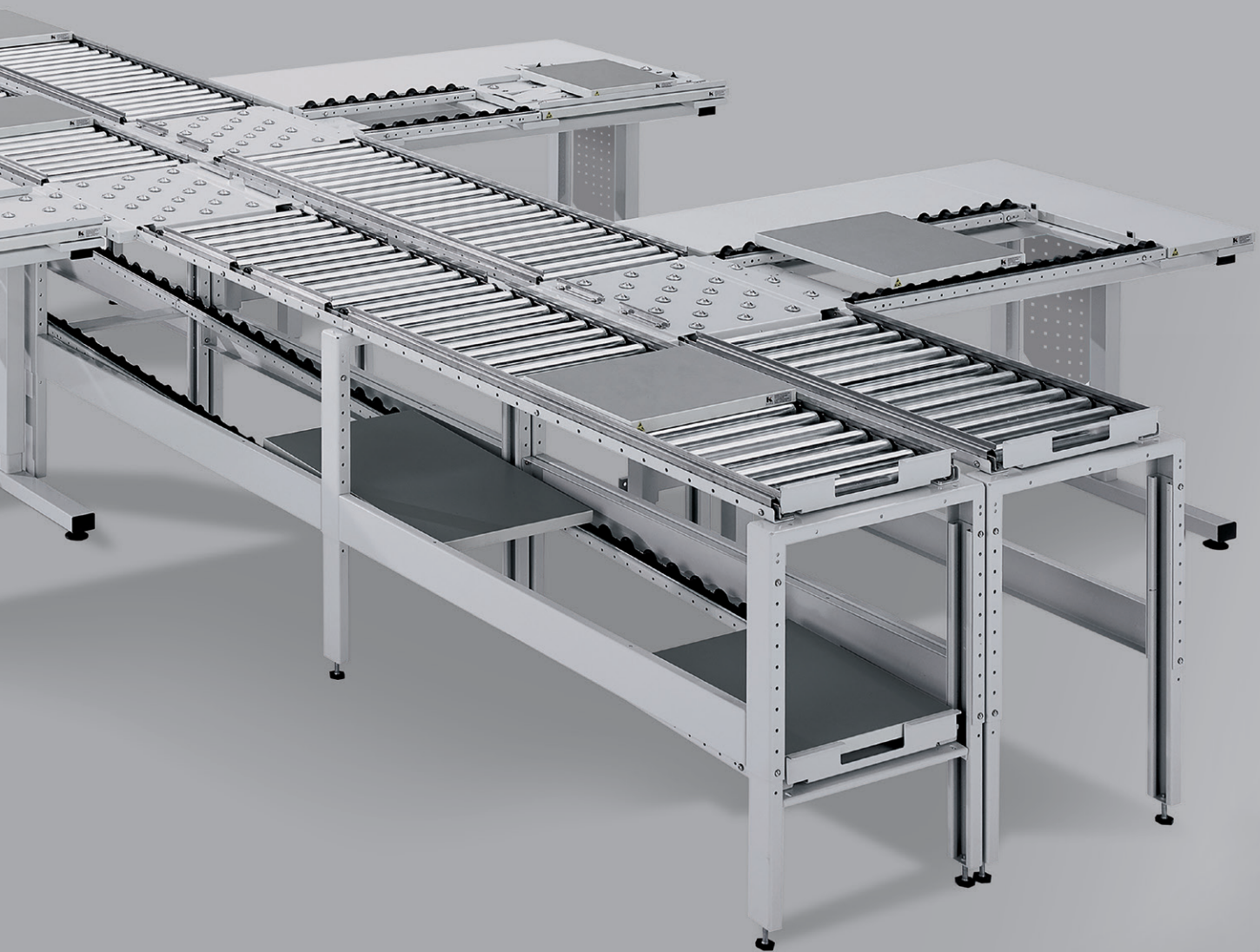


INDUSTRY

DISTRIBUTION
LOGISTICS

Modular.
Flexible.
Productive.



For optimum production processes.

Transfer systems.

KARL original.



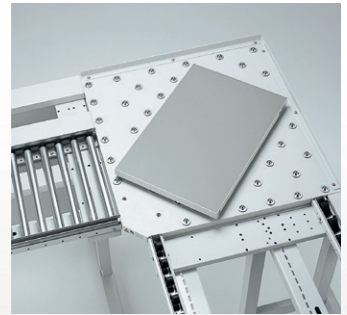
Modular. **Flexible.** Productive.

Transfer and logistics systems from KARL are used for transport, assembly and commissioning.

Regardless of the production strategy, the modular system offers the best conditions for an optimal material flow.

The application spectrum ranges from straight-line transfer routes between individual workstations to branched transfer systems with superimposed levels for manual or automated production processes.

In combination with the SINTRO or QUADRO worktable systems, a convincing unit is created in terms of concept and design, where all system components come from a single source and are optimally coordinated.



KARL transfer systems are easy to assemble, **reliable and low maintenance.**





Modular conception offers
the **greatest possible flexibility** and
versatile expansion possibilities.

Transfer lines with discharges and workpiece carrier return, ergonomically designed work tables with buffered material supply, flow racks and transport trolleys - all components are consistently aligned to the requirements in practice and form one convincing unit for an effective production process.



Detailed **perfection.**

Roller conveyors for transport containers, roller tracks for workpiece carriers, rejection, return, flow racks, buffered material supply - regardless of the production strategy, KARL offers a comprehensive program to optimize your material flow for transport, assembly and commissioning.



Optionally in ESD version according to IEC 61340-5-1

For use in the fields of electronics and electrical engineering, all metal parts are conductively powder-coated and connected to each other via defined contact points.

Conductive castors or rollers, worktops and workpiece carriers, central earthing point and earthing system for connecting a wrist strap form a standard-compliant overall ESD system.



Transfer systems.

KARL original.

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Transfer systems

Transfer rack

- Inclusion of roller and roller bars
- Sheet steel frame, conductive powder-coated
- infinitely height adjustable from 680 to 980 mm
- Load capacity: 120 kg / level
- Height compensation elements in the foot section
- Ejection elements can be attached to connect tables

Base frame

Track width	300 mm	400 mm	600 mm
Frame width	400 mm	500 mm	700 mm
Length: 815 mm	57.005.70	57.015.70	57.025.70
Length: 1225 mm	57.035.70	57.045.70	57.055.70

Mounting frame

Track width	300 mm	400 mm	600 mm
Frame width	400 mm	500 mm	700 mm
Length: 815 mm	57.105.70	57.115.70	57.125.70
Length: 1225 mm	57.135.70	57.145.70	57.155.70

Roller conveyor

- angle rails with chromated steel rollers for assembly on the transfer rack
- roll diameter: 30 mm
- roller grid: 136 mm, optional: 68 mm
- load capacity: 100 kg / running meter.

Continuous roller conveyor

Standard

Track width	300 mm	400 mm	600 mm
Length: 815 mm	57.605.72	57.615.72	57.625.72
Length: 1225 mm	57.635.72	57.645.72	57.655.72

ESD

Track width	300 mm	400 mm	600 mm
Length: 815 mm	57.605.70	57.615.70	57.625.70
Length: 1225 mm	57.635.70	57.645.70	57.655.70

To install a discharge, including an additional vertical strut

Standard

Track width	300 mm	400 mm	600 mm
Length: 815 mm	57.607.72	57.617.72	57.627.72
Length: 1225 mm	57.637.72	57.647.72	57.657.72

ESD

Track width	300 mm	400 mm	600 mm
Length: 815 mm	57.607.70	57.617.70	57.627.70
Length: 1225 mm	57.637.70	57.647.70	57.657.70



Roller tracks

- Support rails with integrated plastic flanged rollers for mounting on the transfer frame
- Wheel diameter: 28 mm, wheel flange diameter: 41 mm
- Roller grid: 66 mm
- Load capacity: 100 kg / running meter

Length	Standard	ESD
815 mm	57.505.72	57.505.70
1225 mm	57.535.72	57.535.70



Return

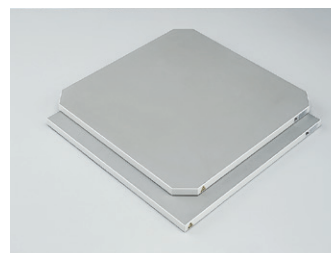
- inclined workpiece carrier return in second plane
- height-variable mounting of cross-connections to accommodate roller conveyor or roller tracks
- maximum possible length of the return: 11 m

Track width	300 mm	400 mm	600 mm
Frame width	400 mm	500 mm	700 mm
Return	57.905.70	57.907.70	57.909.70



Workpiece carrier

- top side with anti-slip rubber coating
- underside with robust hard laminate covering
- with a resistant edge band
- thickness: 27 mm
- on request: customer-specific workpiece carriers and workpiece carrier-sizes, also with inserted threaded bushes for the mounting of workpiece holders



Workpiece carrier	300 x 300 mm	300 x 400 mm	400 x 400 mm	400 x 600 mm	600 x 600 mm
max. load capacity	30 kg	35 kg	40 kg	45 kg	55 kg

uncoated

rectangular	59.704.98	59.709.98	59.714.98	59.719.98	59.724.98
with bevelled corners				59.729.98	59.734.98

Standard

rectangular	59.705.98	59.710.98	59.715.98	59.720.98	59.725.98
with bevelled corners				59.730.98	59.735.98

ESD

rectangular	59.706.98	59.711.98	59.716.98	59.721.98	59.726.98
with bevelled corners				59.731.98	59.736.98

Ball ejection element

- for the discharge of workpiece carriers
- Sheet steel support element for mounting on the roller bars / roller strips
- infinitely variable in the case of roller bars, adjustable in the case of roller strips in a grid of 250 mm
- inserted ball elements with chromated steel ball, diameter: 15 mm
- also possible as removal station in the workpiece carrier return

Track width	300 mm	400 mm	600 mm
one-sided discharge	57.805.70	57.810.70	57.815.70
discharge on both sides	57.835.70	57.840.70	57.845.70



End stop

- assembly at the end of a transfer line
- central cut-out for easy removal of workpiece carriers
- damping elements made of rubber

Track width	300 mm	400 mm	600 mm
for roller tracks	59.105.70	59.115.70	59.125.70
for rolls	59.165.70	59.175.70	59.185.70



Cover for roller tracks

- installation at the end of a transfer line with roller tracks, if no end stop is mounted

Set of covers (2 pieces)	59.101.70
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Lifting aid for workpiece carrier

- spares the wheel flanges of small rollers when placing the workpiece carrier
- inserted ball elements with chromated steel ball, diameter: 15 mm
- double sided guide rails

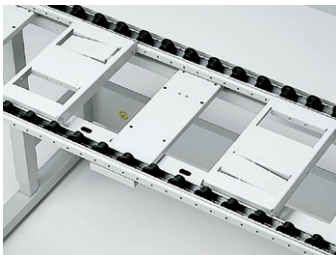
Track width	300 mm	400 mm	600 mm
Feeding aid	57.875.70	57.880.70	57.885.70



Clamping element

- temporary, detachable fixing of the workpiece carrier
- applicable at any place
- automatic fixing of the workpiece carrier after passing over it of the clamping element
- simply pressing on the rocker element releases the clamping
- optional:
lockable rocker element, if clamping is not always desired

Track width	300 mm	400 mm	600 mm
Clamping element	59.005.70	59.015.70	59.025.70
Clamping element lockable	59.065.70	59.075.70	59.085.70



Transport carriage for workpiece carriers

- Side trolley made of square tubular steel with 4 swivel castors
- attached roller tracks or roller conveyor with clamping element for fixing a workpiece carrier
- Docking system for fixing to the roller or roller conveyor (docking with automatic locking, releasing with one handle)

Possible applications:

- the transfer track is multi-part due to constructional reasons, the transport of the workpieces should take place on the workpiece carrier
- defective workpieces must be removed to a repair station and be reintroduced after the repair
- after assembly, workpieces are turned into test stations or permanent test equipment brought

Standard

Track width	300 mm	400 mm	600 mm
with roller tracks	58.505.72	58.515.72	58.525.72
with roller conveyor	58.565.72	58.575.72	58.585.72

ESD

Track width	300 mm	400 mm	600 mm
with roller tracks	58.505.70	58.515.70	58.525.70
with roller conveyor	58.565.70	58.575.70	58.585.70

Counterpart of the docking system, mounting on the table or roller conveyor	58.598.70
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SINTRO table system

SINTRO table frame

- height adjustment from 740 to 1140 mm
- stepless height adjustment with clamping screws
- transverse strut for attaching a footrest
- work surface can be loaded with 200 kg uniformly distributed load
- height compensation elements in the foot section
- all metal parts conductive powder-coated
- ESD version with earthing system according to IEC 61340-5-1



For mounting roller conveyor or roller tracks

Table frame (W x D)	1230 x 750 mm	1530 x 750 mm	1830 x 750 mm
Standard	56.005.70	56.025.70	56.045.70
ESD	56.105.70	56.125.70	56.145.70

For mounting ball transfer table tops

Table frame (W x D)	1230 x 750 mm	1530 x 750 mm	1830 x 750 mm
Standard	25.005.70	25.025.70	25.045.70
ESD	26.005.70	26.025.70	26.045.70

SINTRO decorative elements

- sheet steel with square perforation
- H = 470 mm
- 2 pieces (1 x left, 1 x right)

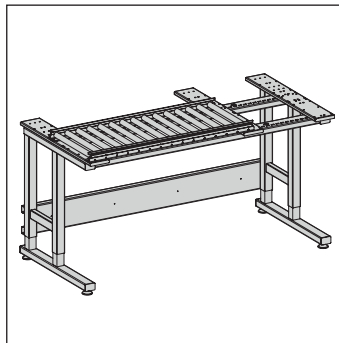
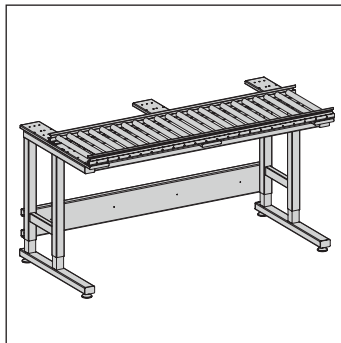
W = 210 mm, for table depth 750 mm, standard	25.800._ _
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	light grey	(RAL 7035)	_ _ . _ _ . 70
	water blue	(RAL 5021)	_ _ . _ _ . 02
	cobalt blue	(RAL 5013)	_ _ . _ _ . 03
	raspberry red	(RAL 3027)	_ _ . _ _ . 04
	zinc yellow	(RAL 1018)	_ _ . _ _ . 06
	pigeon blue	(RAL 5014)	_ _ . _ _ . 08



- Other colors for realizing your corporate identity on request.

SINTRO roller conveyor



Standard

Transfer line across the entire table width

table width	width roller conveyor	Track width 300 mm	Track width 400 mm	Track width 600 mm
1230 mm	1230 mm	56.605.72	56.615.72	56.625.72
1530 mm	1530 mm	56.635.72	56.645.72	56.655.72
1830 mm	1830 mm	56.665.72	56.675.72	56.685.72

Transfer line over 2/3 of the table width

1230 mm	885 mm	56.603.72	56.613.72	56.623.72
1530 mm	1020 mm	56.633.72	56.643.72	56.653.72
1830 mm	1225 mm	56.663.72	56.673.72	56.683.72

ESD

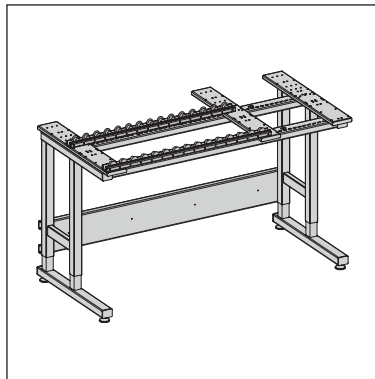
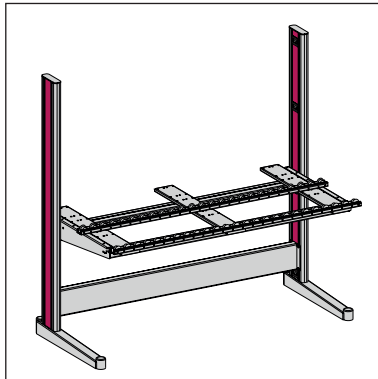
Transfer line across the entire table width

table width	width roller conveyor	Track width 300 mm	Track width 400 mm	Track width 600 mm
1230 mm	1230 mm	56.605.70	56.615.70	56.625.70
1530 mm	1530 mm	56.635.70	56.645.70	56.655.70
1830 mm	1830 mm	56.665.70	56.675.70	56.685.70

Transfer line over 2/3 of the table width

1230 mm	885 mm	56.603.70	56.613.70	56.623.70
1530 mm	1020 mm	56.633.70	56.643.70	56.653.70
1830 mm	1225 mm	56.663.70	56.673.70	56.683.70

SINTRO roller tracks



Standard

Roller tracks across the entire table width

table width	width roller tracks	
1230 mm	1230 mm	56.505.72
1530 mm	1530 mm	56.535.72
1830 mm	1830 mm	56.565.72

Roller tracks over 2/3 of the table width

1230 mm	885 mm	56.503.72
1530 mm	1020 mm	56.533.72
1830 mm	1225 mm	56.563.72

ESD

Roller tracks across the entire table width

table width	width roller tracks	
1230 mm	1230 mm	56.505.70
1530 mm	1530 mm	56.535.70
1830 mm	1830 mm	56.565.70

Roller tracks over 2/3 of the table width

1230 mm	885 mm	56.503.70
1530 mm	1020 mm	56.533.70
1830 mm	1225 mm	56.563.70

SINTRO ball transfer table top

- for turning the workpiece or workpiece carrier at the workplace
- light gray worktop with resistant edge band
- inserted ball elements with chromated steel ball, diameter: 15 mm
- workpiece carrier can be rotated and fixed in 90° steps
- integrated clamping elements for fixing the workpiece carrier



Hard laminate (EN 438)

	for workpiece carrier (W x D)				
table width	300 x 300 mm	300 x 400 mm	400 x 400 mm	400 x 600 mm	600 x 600 mm

Pass-through table, ball elements over the entire table width

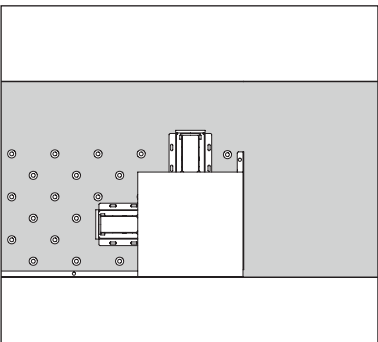
1230 mm	56.805.88	56.810.88	56.815.88	56.820.88	56.825.88
1530 mm	56.835.88	56.840.88	56.845.88	56.850.88	56.855.88
1830 mm	56.865.88	56.870.88	56.875.88	56.880.88	56.885.88

Outward transfer right, ball elements over 2/3 of the table width

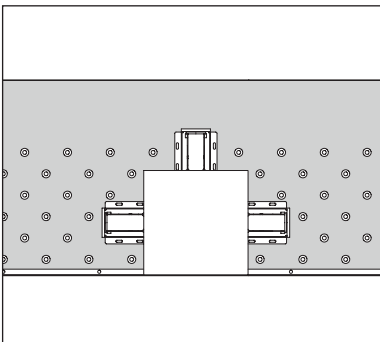
1230 mm	56.803.88	56.808.88	56.813.88	56.818.88	56.823.88
1530 mm	56.833.88	56.838.88	56.843.88	56.848.88	56.853.88
1830 mm	56.863.88	56.868.88	56.873.88	56.878.88	56.883.88

Outward transfer left, ball elements over 2/3 of the table width

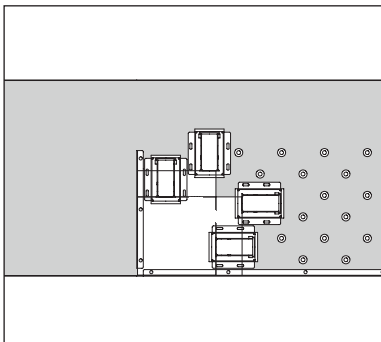
1230 mm	56.804.88	56.809.88	56.814.88	56.819.88	56.824.88
1530 mm	56.834.88	56.839.88	56.844.88	56.849.88	56.854.88
1830 mm	56.864.88	56.869.88	56.874.88	56.879.88	56.884.88



Outward transfer left, square workpiece carrier



Pass-through table (In-line mounting), square workpiece carrier



Outward transfer right, square workpiece carrier

Conductive ESD hard laminate (EN 438)

	for workpiece carrier (W x D)				
table width	300 x 300 mm	300 x 400 mm	400 x 400 mm	400 x 600 mm	600 x 600 mm

Pass-through table, ball elements over the entire table width

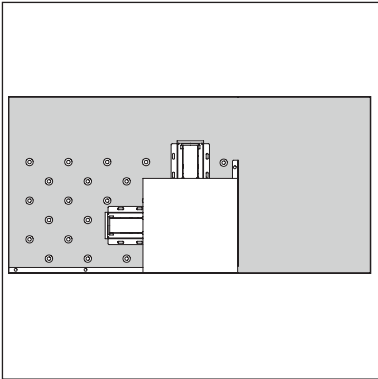
1230 mm	56.805.89	56.810.89	56.815.89	56.820.89	56.825.89
1530 mm	56.835.89	56.840.89	56.845.89	56.850.89	56.855.89
1830 mm	56.865.89	56.870.89	56.875.89	56.880.89	56.885.89

Outward transfer right, ball elements over 2/3 of the table width

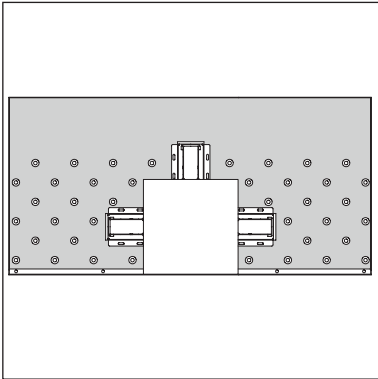
1230 mm	56.803.89	56.808.89	56.813.89	56.818.89	56.823.89
1530 mm	56.833.89	56.838.89	56.843.89	56.848.89	56.853.89
1830 mm	56.863.89	56.868.89	56.873.89	56.878.89	56.883.89

Outward transfer left, ball elements over 2/3 of the table width

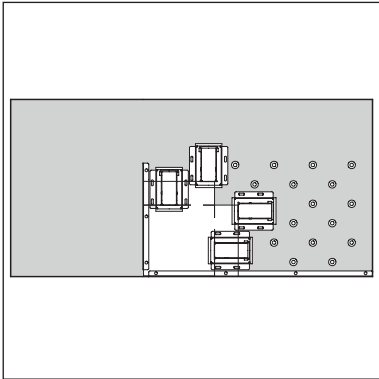
1230 mm	56.804.89	56.809.89	56.814.89	56.819.89	56.824.89
1530 mm	56.834.89	56.839.89	56.844.89	56.849.89	56.854.89
1830 mm	56.864.89	56.869.89	56.874.89	56.879.89	56.884.89



Outward transfer left,
square workpiece carrier

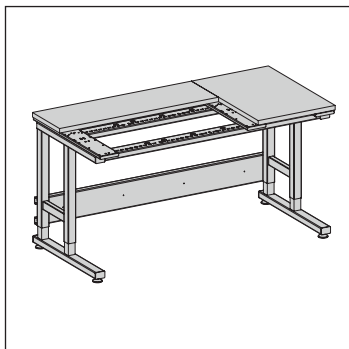


Pass-through table (In-line mounting),
square workpiece carrier



Outward transfer right,
square workpiece carrier

SINTRO table top elements



- Table top elements as cover behind or beside the transfer line
- light gray worktop with resistant edge band
- resistant to organic solvents, weak acids and bases, petrol and oil

Hard laminate (EN 438)

Transfer line across the entire table width		Track width 300 mm	Track width 400 mm	Track width 600 mm
table width	rear table top element			
1230 mm		56.705.88	56.715.88	56.725.88
1530 mm		56.735.88	56.745.88	56.755.88
1830 mm		56.765.88	56.775.88	56.785.88

Transfer line over 2/3 of the table width

table width	lateral table top element	rear table top element		
1230 mm	56.790.88	56.703.88	56.713.88	56.723.88
1530 mm	56.794.88	56.733.88	56.743.88	56.753.88
1830 mm	56.798.88	56.763.88	56.773.88	56.783.88

Conductive ESD hard laminate (EN 438)

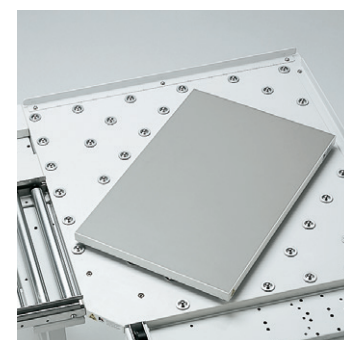
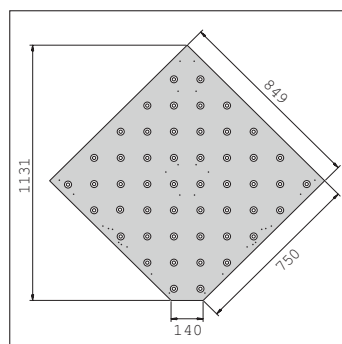
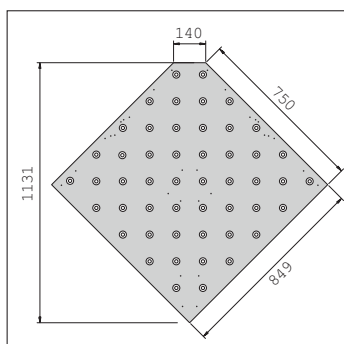
Transfer line across the entire table width		Track width 300 mm	Track width 400 mm	Track width 600 mm
table width	rear table top element			
1230 mm		56.705.89	56.715.89	56.725.89
1530 mm		56.735.89	56.745.89	56.755.89
1830 mm		56.765.89	56.775.89	56.785.89

Transfer line over 2/3 of the table width

table width	lateral table top element	rear table top element		
1230 mm	56.790.89	56.703.89	56.713.89	56.723.89
1530 mm	56.794.89	56.733.89	56.743.89	56.753.89
1830 mm	56.798.89	56.763.89	56.773.89	56.783.89

SINTRO Corner element

- Universal corner plate for all workpiece carrier sizes from 300 to 600 mm
- can be used either as inner or outer corner
- each workpiece carrier from 300 to 600 mm can be turned
- light gray worktop with resistant edge band
- inserted ball elements with chromated steel ball, diameter: 15 mm
- Guide rails for adaptation to all connection variants
- additional support foot to increase stability



Hard laminate	56.895.88
ESD hard laminate	56.895.89

SINTRO-CAR and FIFO-CAR for material supply

- commissioning of the components in the warehouse
- transport of components from the warehouse to the assembly area
- component buffer at the assembly station
- ergonomic feeding of the components to the assembly station



For detailed information on SINTRO-CAR and FIFO-CAR please refer to the SINTRO brochure or FIFO brochure.

Table system QUADRO

QUADRO Table frame

- extruded aluminium profile with integrated cable ducts
- infinitely height-adjustable mounting of worktop and extensive accessories
- integrated brush elements for cable entry in each column
- depth: 880 mm (including table top)
- transverse strut for attaching a footrest
- work surface can be loaded with 200 kg uniformly distributed load
- all metal parts conductive powder-coated
- colour accents through decorative profiles
- ESD version with earthing system according to IEC 61340-5-1



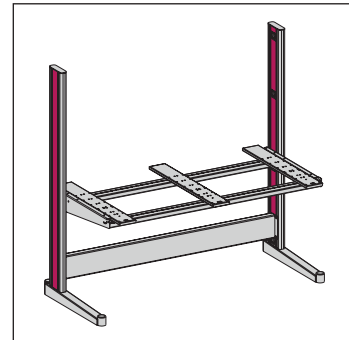
Basic element

For mounting roller conveyor / roller tracks

width	1300 mm	1650 mm	2135 mm
column height			
1000 mm	55.005._ _	55.025._ _	55.045._ _
1600 mm	55.010._ _	55.030._ _	55.050._ _
2200 mm	55.015._ _	55.035._ _	55.055._ _

For mounting of ball transfer table tops

width	1300 mm	1650 mm	2135 mm
column height			
1000 mm	15.005._ _	15.025._ _	15.045._ _
1600 mm	15.010._ _	15.030._ _	15.050._ _
2200 mm	15.015._ _	15.035._ _	15.055._ _



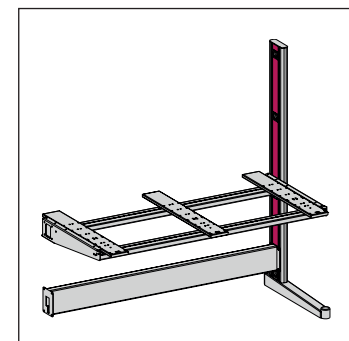
Add-on element with long foot part

For mounting roller conveyor / roller tracks

width	1300 mm	1650 mm	2135 mm
column height			
1000 mm	55.006._ _	55.026._ _	55.046._ _
1600 mm	55.011._ _	55.031._ _	55.051._ _
2200 mm	55.016._ _	55.036._ _	55.056._ _

For mounting of ball transfer table tops

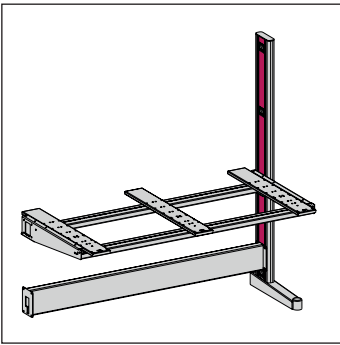
width	1300 mm	1650 mm	2135 mm
column height			
1000 mm	15.006._ _	15.026._ _	15.046._ _
1600 mm	15.011._ _	15.031._ _	15.051._ _
2200 mm	15.016._ _	15.036._ _	15.056._ _



Mounting element with short foot part

For mounting roller conveyors / roller tracks

width	1300 mm	1650 mm	2135 mm
column height			
1000 mm	55.007._ _	55.027._ _	55.047._ _
1600 mm	55.012._ _	55.032._ _	55.052._ _
2200 mm	55.017._ _	55.037._ _	55.057._ _



For mounting of ball transfer table tops

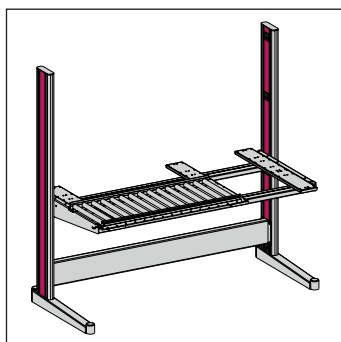
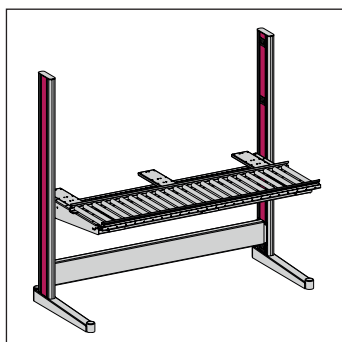
width	1300 mm	1650 mm	2135 mm
column height			
1000 mm	15.007._ _	15.027._ _	15.047._ _
1600 mm	15.012._ _	15.032._ _	15.052._ _
2200 mm	15.017._ _	15.037._ _	15.057._ _

Please add the ESD or colour key to the order number.

			non-conductive	conductive
	water blue	(RAL 5021)	__._.__.12	__._.__.22
	cobalt blue	(RAL 5013)	__._.__.13	__._.__.23
	raspberry red	(RAL 3027)	__._.__.14	__._.__.24
	zinc yellow	(RAL 1018)	__._.__.16	__._.__.26
	pigeon blue	(RAL 5014)	__._.__.18	__._.__.28

■ Other colors for realizing your corporate identity on request.

QUADRO roller conveyor



Standard

Transfer line across the entire table width

table width	width roller conveyor	Track width 300 mm	Track width 400 mm	Track width 600 mm
1300 mm	1300 mm	55.605.72	55.615.72	55.625.72
1650 mm	1650 mm	55.635.72	55.645.72	55.665.72
2135 mm	2135 mm	55.665.72	55.675.72	55.685.72

Transfer line over 2/3 of the table width

1300 mm	885 mm	55.603.72	55.613.72	55.623.72
1650 mm	1020 mm	55.633.72	55.643.72	55.663.72
2135 mm	1360 mm	55.663.72	55.673.72	55.683.72

ESD

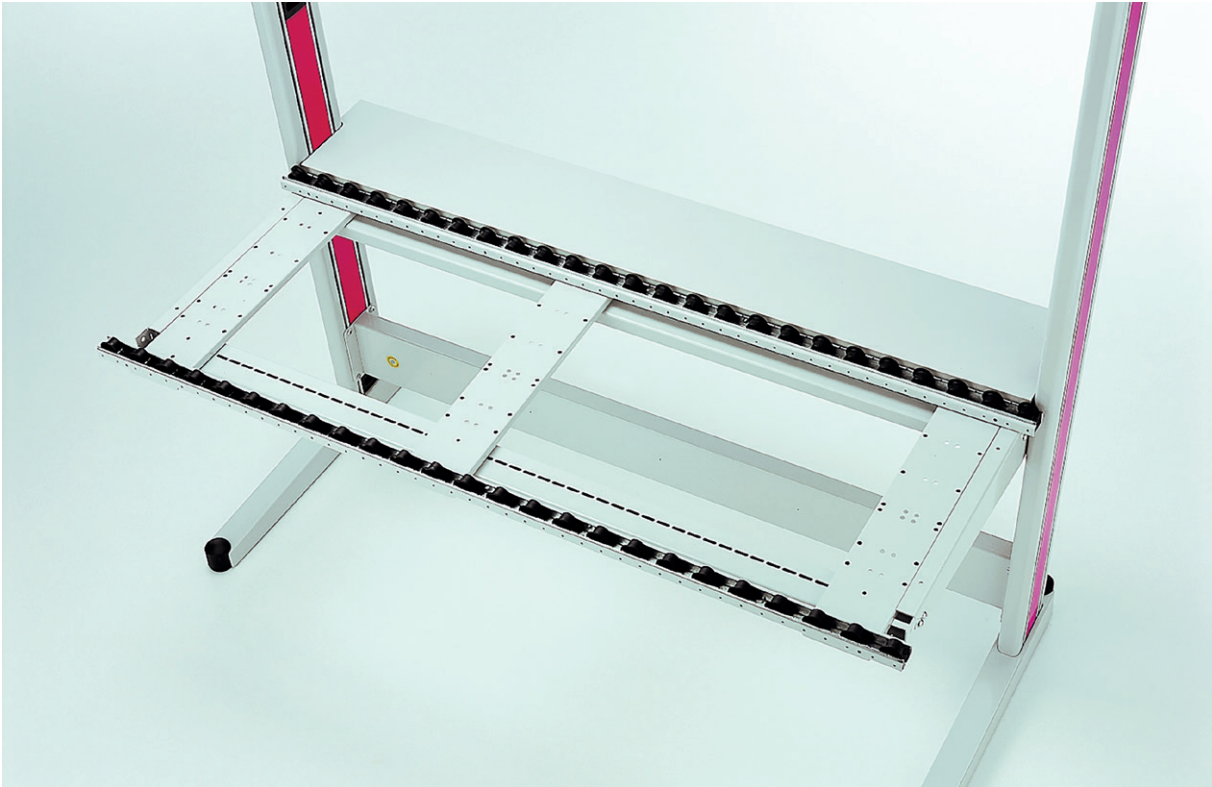
Transfer line across the entire table width

table width	width roller conveyor	Track width 300 mm	Track width 400 mm	Track width 600 mm
1300 mm	1300 mm	55.605.70	55.615.70	55.625.70
1650 mm	1650 mm	55.635.70	55.645.70	55.665.70
2135 mm	2135 mm	55.665.70	55.675.70	55.685.70

Transfer line over 2/3 of the table width

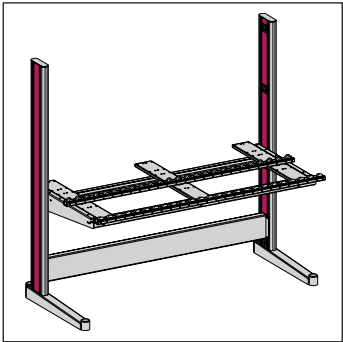
1300 mm	885 mm	55.603.70	55.613.70	55.623.70
1650 mm	1020 mm	55.633.70	55.643.70	55.663.70
2135 mm	1360 mm	55.663.70	55.673.70	55.683.70

QUADRO roller tracks



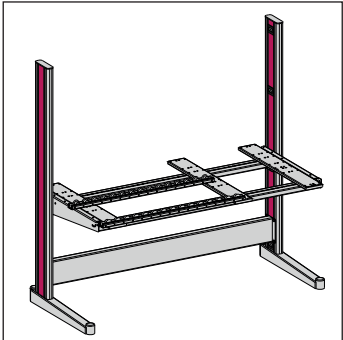
Roller tracks across the entire table width

table width	width roller tracks	Standard	ESD
1300 mm	1300 mm	55.505.72	55.505.70
1650 mm	1650 mm	55.535.72	55.535.70
2135 mm	2135 mm	55.565.72	55.565.70



Roller tracks across 2/3 of the table width

table width	width roller tracks	Standard	ESD
1300 mm	885 mm	55.503.72	55.503.70
1650 mm	1020 mm	55.533.72	55.533.70
2135 mm	1360 mm	55.563.72	55.563.70



QUADRO ball transfer table top

- for turning the workpiece or workpiece carrier at the workstation
- light gray worktop with resistant edge band
- inserted ball elements with chromated steel ball, diameter: 15 mm
- workpiece carrier can be rotated and fixed in 90° steps
- integrated clamping elements for fixing the workpiece carrier



Hartlaminat (EN 438)

	Workpiece carrier (W x D)				
table width	300 x 300 mm	300 x 400 mm	400 x 400 mm	400 x 600 mm	600 x 600 mm

Pass-through table, ball elements across the entire table width

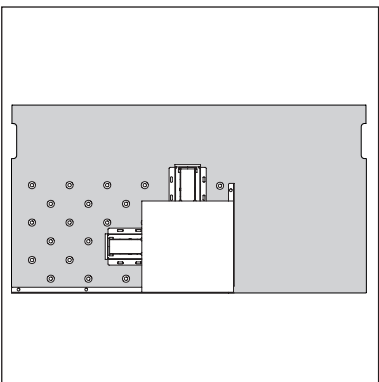
1300 mm	55.805.88	55.810.88	55.815.88	55.820.88	55.825.88
1650 mm	55.835.88	55.840.88	55.845.88	55.850.88	55.855.88
2135 mm	55.865.88	55.870.88	55.875.88	55.880.88	55.885.88

Outward transfer right, ball elements across 2/3 of the table width

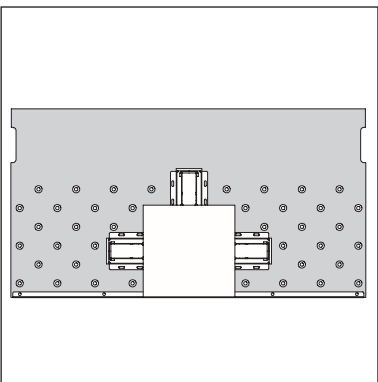
1300 mm	55.803.88	55.808.88	55.813.88	55.818.88	55.823.88
1650 mm	55.833.88	55.838.88	55.843.88	55.848.88	55.853.88
2135 mm	55.863.88	55.868.88	55.873.88	55.878.88	55.883.88

Outward transfer left, ball elements across 2/3 of the table width

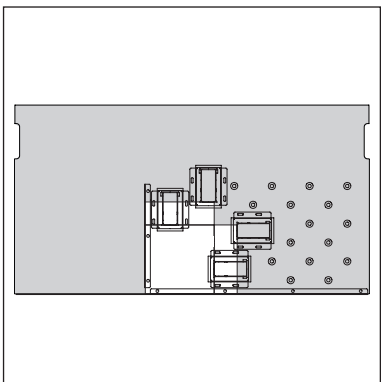
1300 mm	55.804.88	55.809.88	55.814.88	55.819.88	55.824.88
1650 mm	55.834.88	55.839.88	55.844.88	55.849.88	55.854.88
2135 mm	55.864.88	55.869.88	55.874.88	55.879.88	55.884.88



Outward transfer left,
square workpiece carrier



Pass-through table (In-line mounting),
square workpiece carrier



Outward transfer right,
rectangular workpiece carrier

Conductive ESD hard laminate (EN 438)

	Workpiece carrier (W x D)				
table width	300 x 300 mm	300 x 400 mm	400 x 400 mm	400 x 600 mm	600 x 600 mm

Pass-through table, ball elements across the entire table width

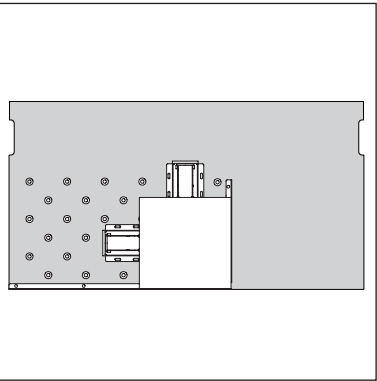
1300 mm	55.805.89	55.810.89	55.815.89	55.820.89	55.825.89
1650 mm	55.835.89	55.840.89	55.845.89	55.850.89	55.855.89
2135 mm	55.865.89	55.870.89	55.875.89	55.880.89	55.885.89

Outward transfer right, ball elements across 2/3 of the table width

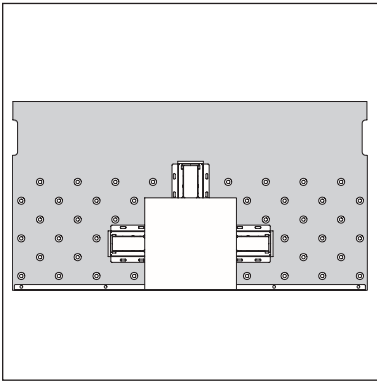
1300 mm	55.803.89	55.808.89	55.813.89	55.818.89	55.823.89
1650 mm	55.833.89	55.838.89	55.843.89	55.848.89	55.853.89
2135 mm	55.863.89	55.868.89	55.873.89	55.878.89	55.883.89

Outward transfer left, ball elements across 2/3 of the table width

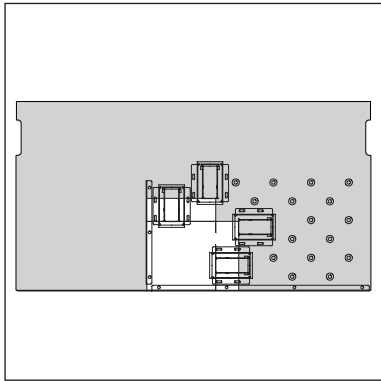
1300 mm	55.804.89	55.809.89	55.814.89	55.819.89	55.824.89
1650 mm	55.834.89	55.839.89	55.844.89	55.849.89	55.854.89
2135 mm	55.864.89	55.869.89	55.874.89	55.879.89	55.884.89



Outward transfer left,
square workpiece carrier

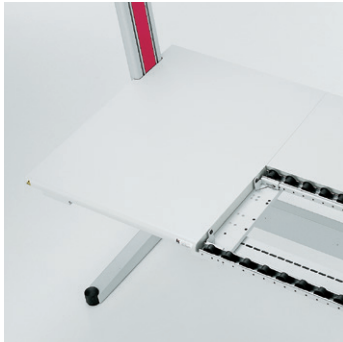
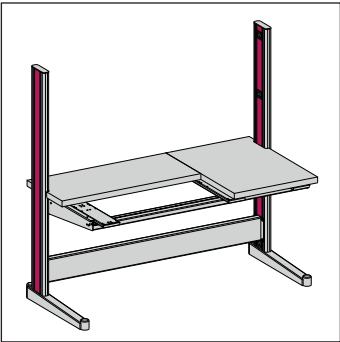


Pass-through table (In-line mounting),
square workpiece carrier



Outward transfer right,
rectangular workpiece carrier

QUADRO table top elements



- table top element as cover behind or beside the transfer line
- light grey worktop
- resistant to organic solvents, weak acids and alkalis, petrol and oil

Hard laminate (EN 438)

Transfer line across the entire table width	Track width 300 mm	Track width 400 mm	Track width 600 mm
table width	rear table top element		
1300 mm	55.705.88	55.715.88	55.725.88
1650 mm	55.735.88	55.745.88	55.755.88
2135 mm	55.765.88	55.775.88	55.785.88

Transfer line across 2/3 of the table width, outward transfer right

table width	lateral table top element	rear table top element		
1300 mm	55.790.88	55.703.88	55.713.88	55.723.88
1650 mm	55.794.88	55.733.88	55.743.88	55.753.88
2135 mm	55.798.88	55.763.88	55.773.88	55.783.88

Transfer line across 2/3 of the table width, outward transfer left

table width	lateral table top element	rear table top element		
1300 mm	55.791.88	55.704.88	55.714.88	55.724.88
1650 mm	55.795.88	55.734.88	55.744.88	55.754.88
2135 mm	55.799.88	55.764.88	55.774.88	55.784.88

Conductive ESD hard laminate (EN438)

Transfer line across the entire table width	Track width 300 mm	Track width 400 mm	Track width 600 mm
table width	rear table top element		
1300 mm	55.705.89	55.715.89	55.725.89
1650 mm	55.735.89	55.745.89	55.755.89
2135 mm	55.765.89	55.775.89	55.785.89

Transfer line across 2/3 of the table width, outward transfer right

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1300 mm	55.790.89	55.703.89	55.713.89	55.723.89
1650 mm	55.794.89	55.733.89	55.743.89	55.753.89
2135 mm	55.798.89	55.763.89	55.773.89	55.783.89

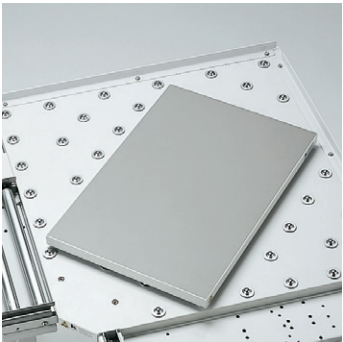
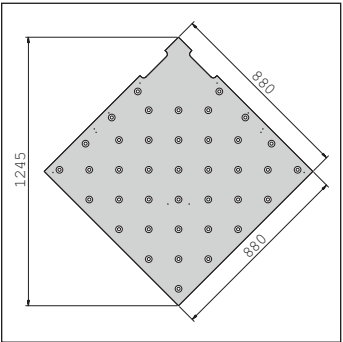
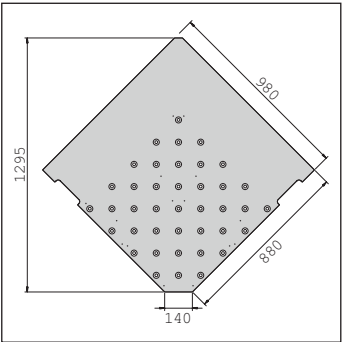
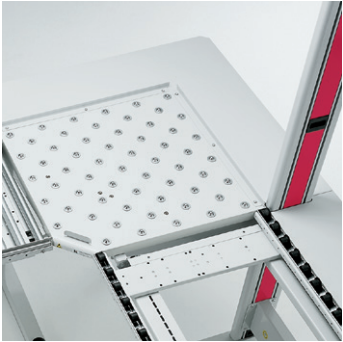
Transfer line across 2/3 of the table width, outward transfer left

table width	lateral table top element	rear table top element		
1300 mm	55.791.89	55.704.89	55.714.89	55.724.89
1650 mm	55.795.89	55.734.89	55.744.89	55.754.89
2135 mm	55.799.89	55.764.89	55.774.89	55.784.89

QUADRO corner element

- every workpiece carrier from 300 to 600 mm can be rotated
- inserted ball elements with chromated steel ball, diameter: 15 mm
- guide rails for adaptation to all connection variants
- additional support foot to increase stability

	Interior corner element	External corner element
Hard laminate	55.895.88	59.897.88
ESD hard laminate	55.895.89	59.897.89

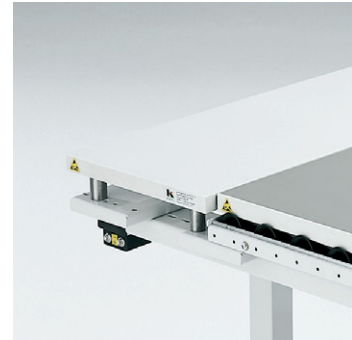


Accessories for SINTRO and QUADRO with transfer system

Spacer

- places lateral and rear table top elements at the level of the workpiece carrier
- height: 38 mm

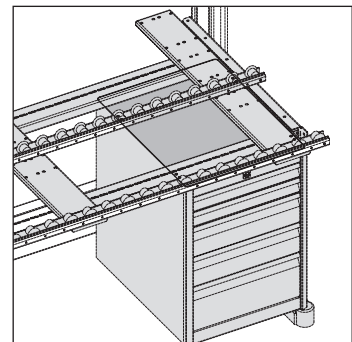
Spacer set for lateral table top element	55.905.70
Spacer set for rear table top element	55.907.70



Cover for drawer unit

- as privacy and dust protection for the top drawer if no tabletop element covers the drawer unit

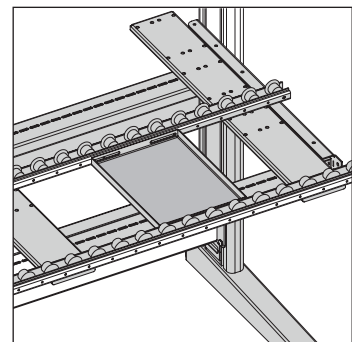
for drawer block	
F narrow (418 mm)	55.917.70
F wide (606 mm)	55.919.70



Storage tray between roller tracks

- in the case of roller strips, the space in between can be used as storage for tools
- usable height: 21 mm

Track gauge	300 mm	400 mm	600 mm
width x depth	145 x 235 mm	245 x 335 mm	445 x 535 mm
	55.935.70	55.937.70	55.939.70



The **KARL-product range.**

Optimal solutions require a precise analysis of the work processes.
KARL defines itself as a system supplier for modern, ergonomic workplace design.

The intensive cooperation and the qualified dialogue with our customers is the basis
for a tailor-made solution for your task.

We also take production-specific requirements and spatial conditions
like the individual needs of each employee into account.

We visualize functionality, ergonomics, handling and implementation of the spatial specifications
in a three-dimensional layout.



QUADRO.

The workplace system for the highest demands.



QUADRO twin.

The classic table system with all options.



SINTRO.

The variable assembly workstation.

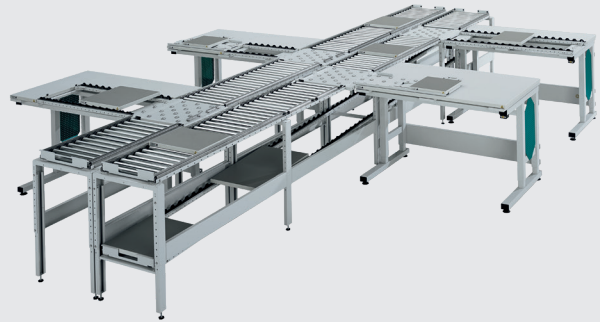


SINTRO pack.

The solution for packing stations.



BASIC. The economic workplace system.



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FIFO shelves. The flexible material feed.



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Cupboard and shelf systems.



Measuring and testing technology.

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