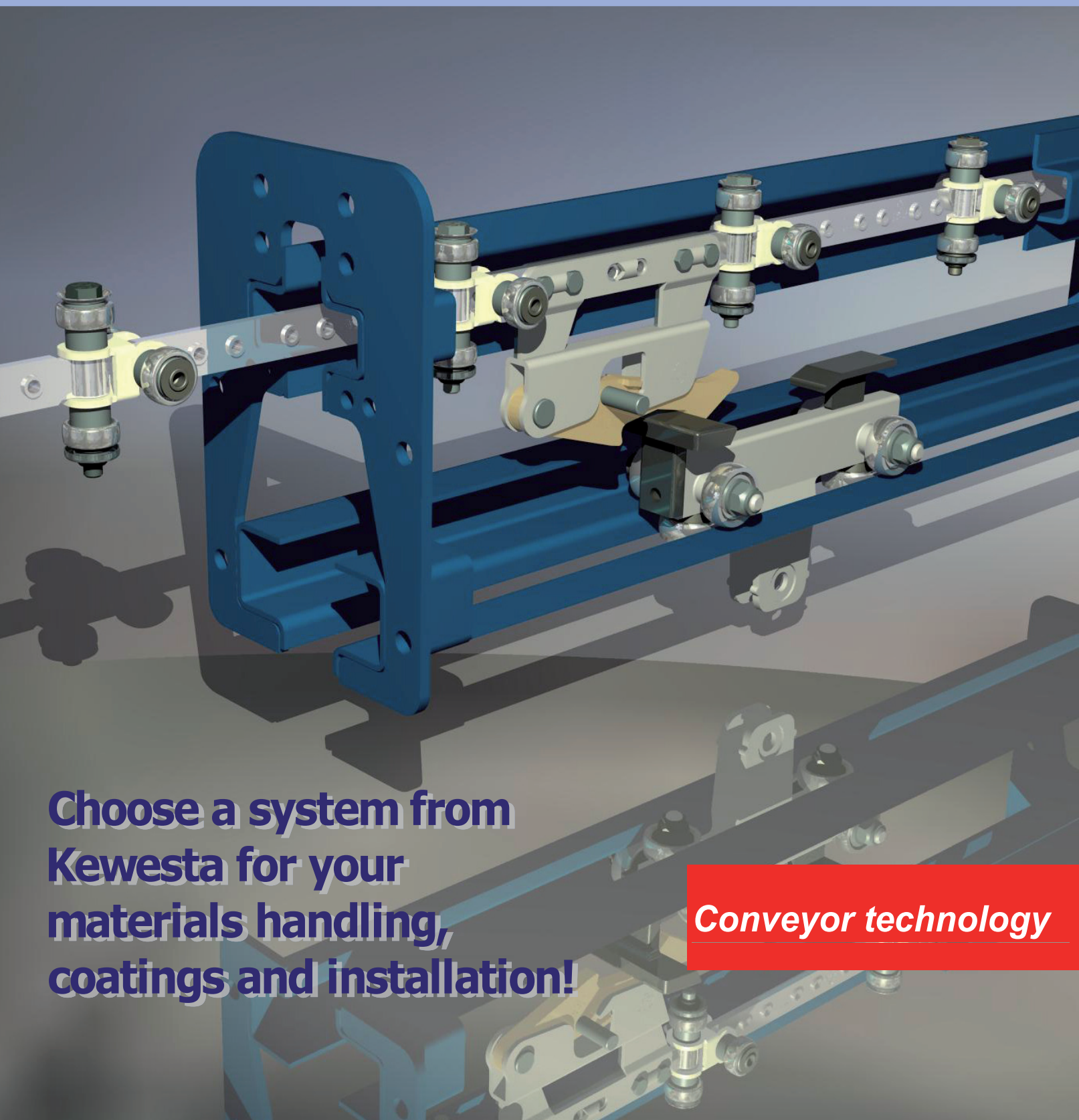


KEWESTA



GmbH

since 1971



**Choose a system from
Kewesta for your
materials handling,
coatings and installation!**

Conveyor technology

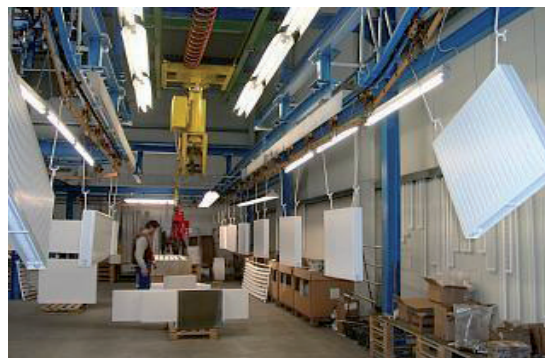


Welcome to KEWESTA ...

Examples of KEWESTA conveyor systems



Overhead conveyor 55Nn



Overhead conveyor 90NnV



Inverted overhead conveyor 90NnV



Power&Free conveyor 90MU



Power&Free conveyor 55M



Power&Free conveyor 55M



Inverted Power&Free 90MU



Trevelling crane for KTL coating plant



About us

KEWESTA Fördertechnik GmbH supplies its well established range of Overhead Conveyor Chain System 55Nn, 90Nn and 120N as well as Power&Free System 55M, 90MU, 120MU/80 and 120MU/100 with a know-how, which through new developments, improvements, innovation and decades of experience has constantly been brought to the latest stand. This brings major advantages in the design to absolutely meet your precise demand. Our Conveyor Systems are in operation worldwide and have a well earned reputation for high precision. New styles and a modern design round off the appearance. As supplier of components of conveyor technology to the former FTF (Frankfurt, Bruchköbel, Hanau) as well as Weber and Partner for many years, we have knowledge of the conveyor systems installed in the last years. Our conveyor systems are maintenance friendly.

Our comprehensive range of services include:

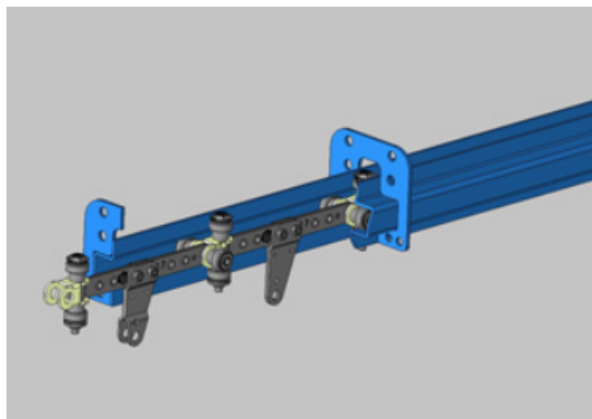
- Design of the complete conveyor system
- Spare parts and express service for spare parts
- Installation by highly skilled and experienced personnel
- Commissioning and Inspection
- Modification and extension of existing conveyor systems

Accessories for all our Power&Free Conveyor Systems:

- Rotation rails are also available for the complete program
- Different types of lifting and lowering stations
- Rotary stations, pneumatic and electric
- Transfers in all lengths and design
- Fixing station for robot loading/placement
- Chain transfer joint/variable station
- Different types of travelling crane

Note: The yokes of all overhead conveyor systems and power and free systems have the same hole pattern. In the event that a conveyor system is to be replaced by a stronger one, if there is statically no objections, the same suspension can be used.

Circular conveyor - 55Nn



Technical data

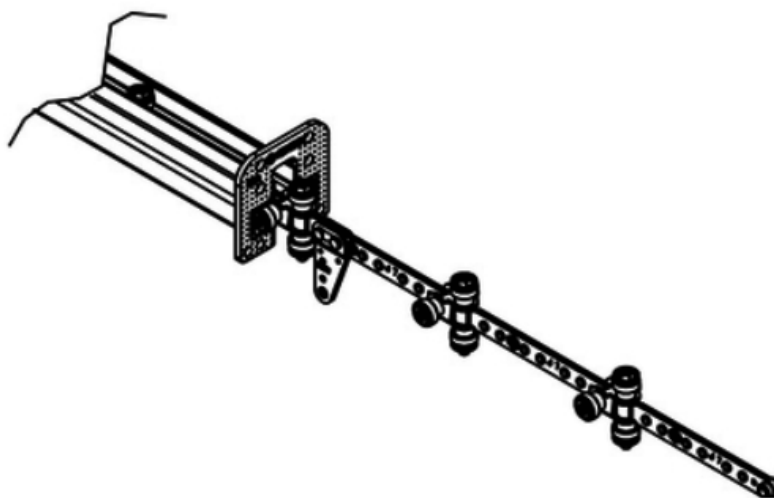
Chain pitch:	200 mm
max. unit load (approx.):	60 kg
allowable chain pull (approx.):	3.500 N
max. total hanger load (approx.):	5.000 kg
max. operating temperature:	250°C
min. horizontal bend radius:	600 mm (possibly smaller)
min. vertical bend radius:	800 mm
standard bend radius:	800 mm

Our strength

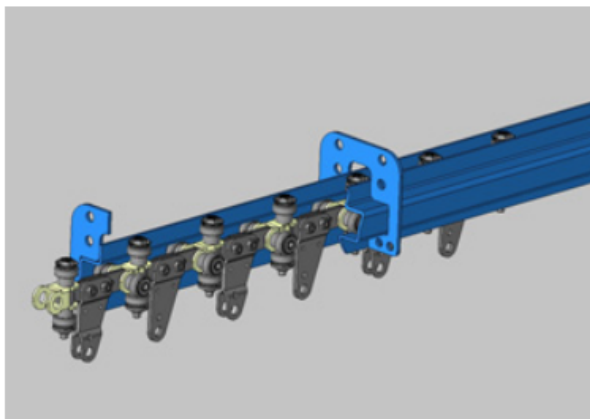
- quiet run
- extensive choice of hanger bars
- very quick and simple installation
- accurate positioning
- caterpillar chain drive also available in maintenance free
- special colours available on request
- patented conveyor chain **Patent No. # 19913310**
- all spares and expansion parts immediately available from stock
- delivery as from 3 weeks
- **German production quality**

Standard installation lengths

Threading-in joint:	800 mm
Expansion joint:	350 mm
Tension unit:	400 mm
Lubrication unit:	400 mm
Caterpillar chain drive:	1.110 mm
Control unit:	500 mm



Circular conveyor - 55NnK - Smallest pitches and radius possible



Technical data

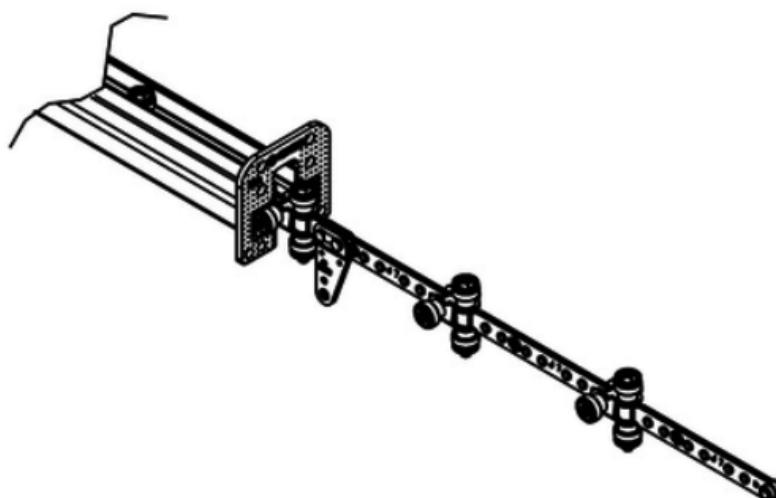
Chain pitch:	100 mm
max. unit load (approx.):	60 kg
allowable chain pull (approx.):	3.500 N
max. total hanger load (approx.):	5.000 kg
max. operating temperature:	250°C
min. horizontal bend radius:	300 mm
min. vertical bend radius:	300 mm
standard bend radius:	800 mm

Our strength

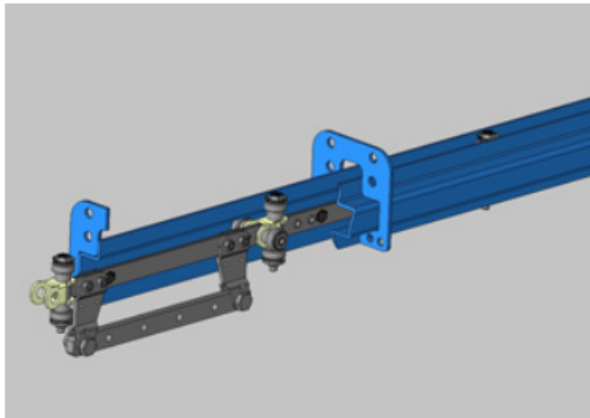
- quiet run
- extensive choice of hanger bars
- very quick and simple installation
- accurate positioning
- caterpillar chain drive also available in maintenance free
- special colours available on request
- patented conveyor chain **Patent No. # 19913310**
- all spares and expansion parts immediately available from stock
- delivery as from 3 weeks
- **German production quality**

Standard installation lengths

Threading-in joint:	800 mm
Expansion joint:	350 mm
Tension unit:	400 mm
Lubrication unit:	400 mm
Caterpillar chain drive:	1.110 mm
Control unit:	500 mm



Circular conveyor - 55NnL - Cheap execution by larger chain pitch



Technical data

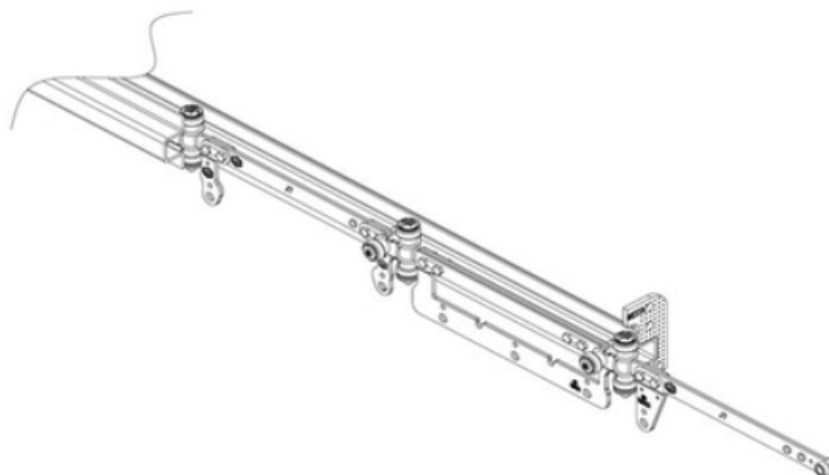
Chain pitch:	300 mm
max. unit load (approx.):	50 kg
allowable chain pull (approx.):	2.800 N
max. total hanger load (approx.):	4.500 kg
max. operating temperature:	250°C
min. horizontal bend radius:	800 mm
min. vertical bend radius:	800 mm
standard bend radius:	800 mm

Our strength

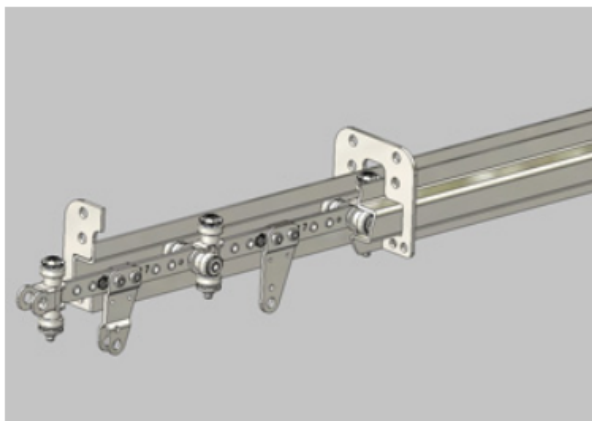
- alternative/option at good value
- caterpillar chain drive also available in maintenance free
- special colours available on request
- patented conveyor chain **Patent No. # 19913310**
- all spares and expansion parts immediately available from stock
- delivery as from 3 weeks
- **German production quality**

Standard installation lengths

Threading-in joint:	800 mm
Expansion joint:	350 mm
Tension unit:	400 mm
Lubrication unit:	500 mm
Caterpillar chain drive:	1.110 mm
Control unit:	500 mm



Circular conveyor - 55NnX - Stainless steel for high temperatures



Technical data

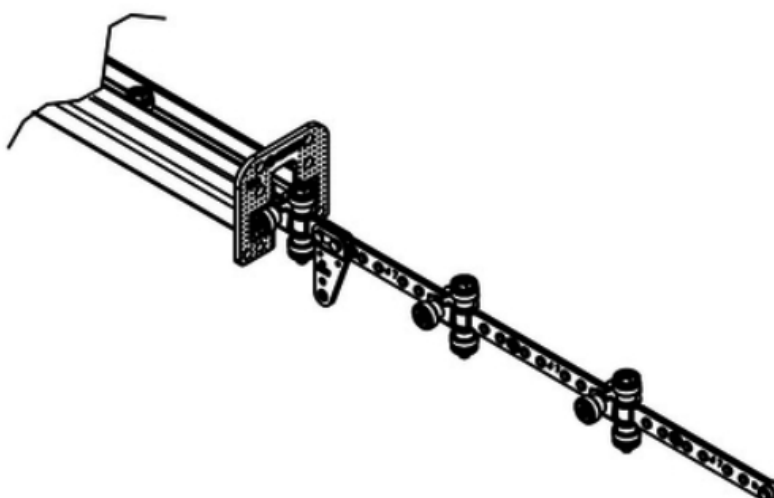
Chain pitch:	200 mm
max. unit load (approx.):	60 kg
allowable chain pull (approx.):	3.500 N
max. total hanger load (approx.):	5.000 kg
max. operating temperature:	390°C
min. horizontal bend radius:	600 mm (possibly smaller)
min. vertical bend radius:	800 mm
standard bend radius:	800 mm

Our strength

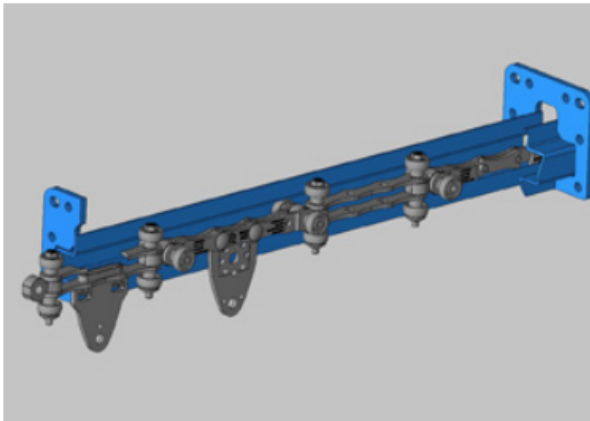
- temperatures up to 390 °C possible
- quiet run
- extensive choice of hanger bars
- very quick and simple installation
- accurate positioning
- caterpillar chain drive also available in maintenance free
- special colours available on request
- patented conveyor chain **Patent No. # 19913310**
- all spares and expansion parts immediately available from stock
- delivery as from 8 weeks
- **German production quality**

Standard installation lengths

Threading-in joint:	800 mm
Expansion joint:	350 mm
Tension unit:	400 mm
Lubrication unit:	400 mm
Caterpillar chain drive:	1.110 mm
Control unit:	500 mm



Circular conveyor - 90 NnV



... we offer:

- hanger bars with fancy designs, easy and quick installation
- caterpillar chain drive also available in maintenance free
- special colours available on request
- all spares and expansion parts immediately available from stock
- delivery as from 4 weeks
- **German production quality**

Technical data

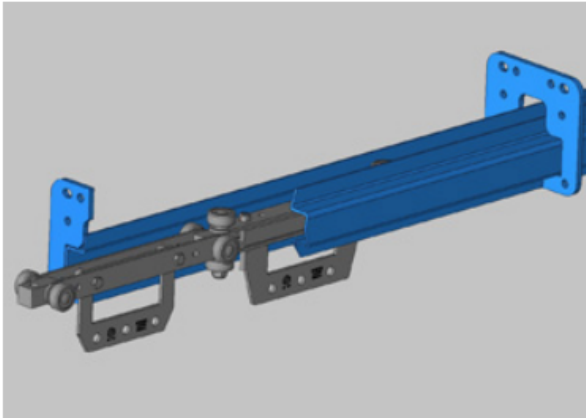
Chain pitch:	200 mm
max. unit load (approx.):	100 kg
allowable chain pull (approx.):	7.000 N
max. total hanger load (approx.):	8.000 kg
max. operating temperature:	250°C
min. horizontal bend radius:	600 mm
min. vertical bend radius:	600 mm
standard bend radius:	800 mm

Standard installation lengths

Threading-in joint:	800 mm
Expansion joint:	350 mm
Tension unit:	400 mm
Lubrication unit:	700 mm
Caterpillar chain drive:	1.200 mm
Control unit:	500 mm



Circular conveyor - 120Nn



Technical data

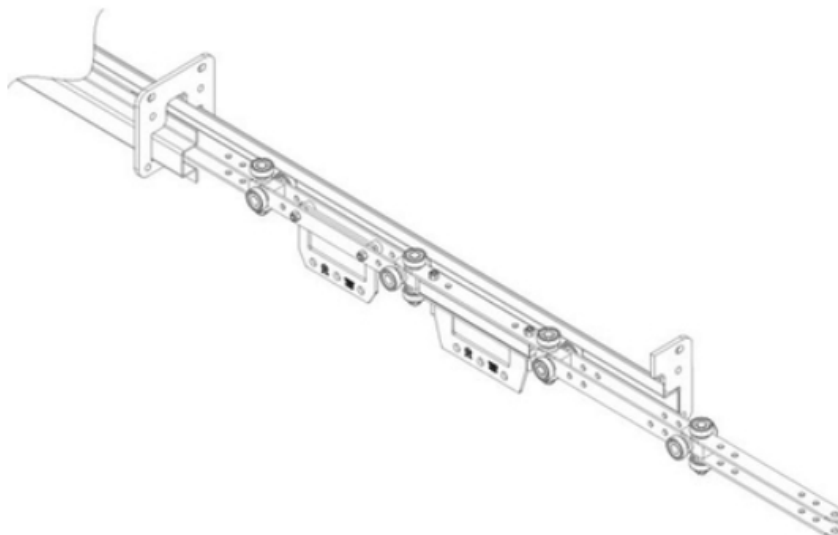
Chain pitch:	300 mm
max. unit load (approx.):	120 kg
bei zweifach-Aufhängung möglich :	240 kg
allowable chain pull (approx.):	8.000 N
max. total hanger load (approx.):	12.000 kg
max. operating temperature:	250°C
min. horizontal bend radius:	800 mm
min. vertical bend radius:	800 mm
standard bend radius:	1000 mm

... your advantage:

- Suitable for the heaviest transportation demand
- special colours available on request
- delivery as from 4 weeks
- all spares and expansion parts immediately available from stock
- **German production quality**

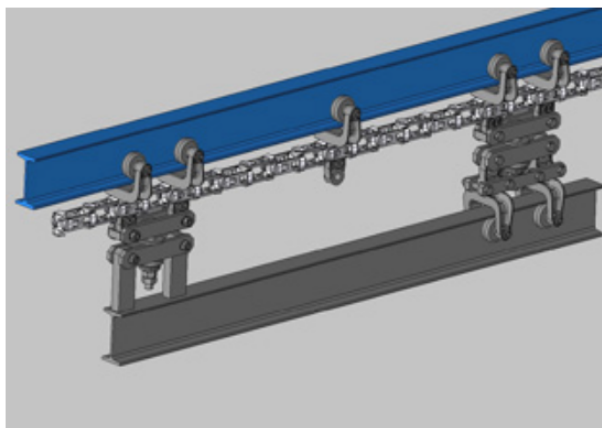
Standard installation lengths

Threading-in joint:	800 mm
Expansion joint:	400 mm
Tension unit:	500 mm
Lubrication unit:	1.000 mm
Caterpillar chain drive:	2.000 mm
Control unit:	500 mm





Circular conveyor - SN 100



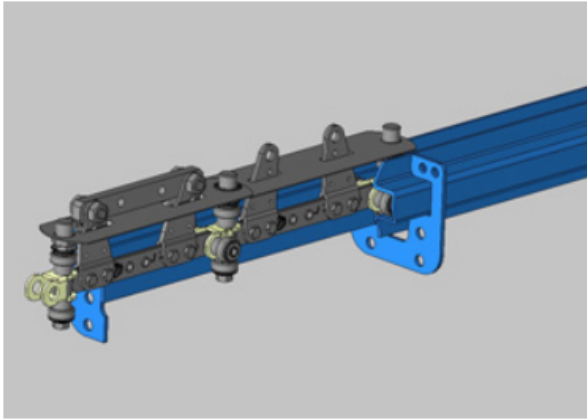
Technical data

Chain pitch:	132 mm
max. unit load :	150 kg
max. allowable chain pull :	10.000 N
max. total hanger load (approx.):	10.000 kg
max. operating temperature:	250°C
min. horizontal bend radius:	360 mm
min. vertical bend radius:	360 mm

... your advantage:

- Suitable for the heaviest transportation demand
- special colours available on request
- delivery as from 8 weeks

Circular conveyor - 55Nn Inverted



Technical data

Chain pitch:	200 mm
max. unit load (approx.):	15 kg
allowable chain pull (approx.):	3.500 N
max. total hanger load (approx.):	5.000 kg
max. operating temperature:	250°C
min. horizontal bend radius:	600 mm (possibly smaller)
min. vertical bend radius:	800 mm
standard bend radius:	800 mm

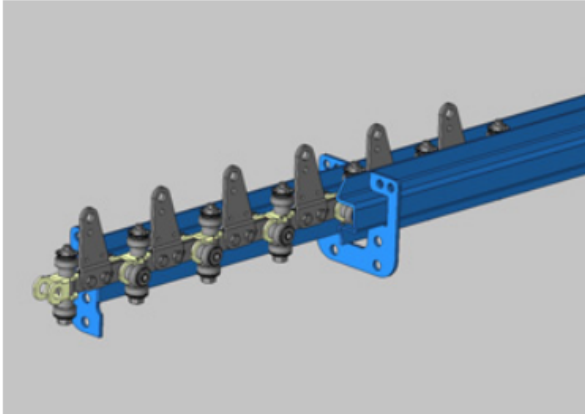
Our strength

- quiet run
- extensive choice of hanger bars
- very quick and simple installation
- accurate positioning
- caterpillar chain drive also available in maintenance free
- special colours available on request
- patented conveyor chain **Patent No. # 19913310**
- all spares and expansion parts immediately available from stock
- delivery as from 3 weeks
- **German production quality**

Standard installation lengths

Threading-in joint:	800 mm
Expansion joint:	350 mm
Tension unit:	400 mm
Lubrication unit:	400 mm
Caterpillar chain drive:	1.110 mm
Control unit:	500 mm

Circular conveyor - 55NnK Inverted - Smallest pitches and radius possible



Our strength

- quiet run
- extensive choice of hanger bars
- very quick and simple installation
- accurate positioning
- caterpillar chain drive also available in maintenance free
- special colours available on request
- patented conveyor chain **Patent No. # 19913310**
- all spares and expansion parts immediately available from stock
- delivery as from 3 weeks
- **German production quality**

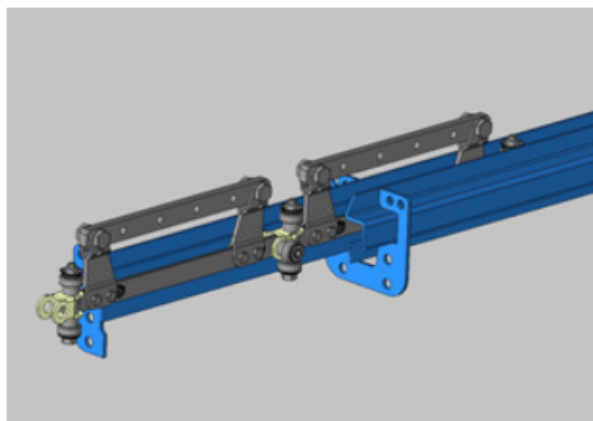
Technical data

Chain pitch:	100 mm
max. unit load (approx.):	60 kg
allowable chain pull (approx.):	3.500 N
max. total hanger load (approx.):	5.000 kg
max. operating temperature:	250°C
min. horizontal bend radius:	300 mm
min. vertical bend radius:	300 mm
standard bend radius:	800 mm

Standard installation lengths

Threading-in joint:	800 mm
Expansion joint:	350 mm
Tension unit:	400 mm
Lubrication unit:	400 mm
Caterpillar chain drive:	1.110 mm
Control unit:	500 mm

Circular conveyor - 55NnL Inverted - Cheap execution by larger chain pitch



Our strength

- alternative/option at good value
- caterpillar chain drive also available in maintenance free
- special colours available on request
- patented conveyor chain **Patent No. # 19913310**
- all spares and expansion parts immediately available from stock
- delivery as from 3 weeks
- **German production quality**

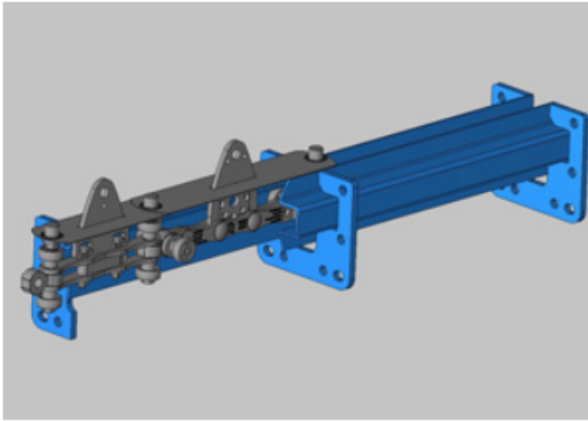
Technical data

Chain pitch:	300 mm
max. unit load (approx.):	50 kg
allowable chain pull (approx.):	2.800 N
max. total hanger load (approx.):	4.500 kg
max. operating temperature:	250°C
min. horizontal bend radius:	800 mm
min. vertical bend radius:	800 mm
standard bend radius:	800 mm

Standard installation lengths

Threading-in joint:	800 mm
Expansion joint:	350 mm
Tension unit:	400 mm
Lubrication unit:	500 mm
Caterpillar chain drive:	1.110 mm
Control unit:	500 mm

Circular conveyor - 90 NnV Inverted



... we offer:

- hanger bars with fancy designs, easy and quick installation
- caterpillar chain drive also available in maintenance free
- special colours available on request
- all spares and expansion parts immediately available from stock
- delivery as from 4 weeks
- **German production quality**

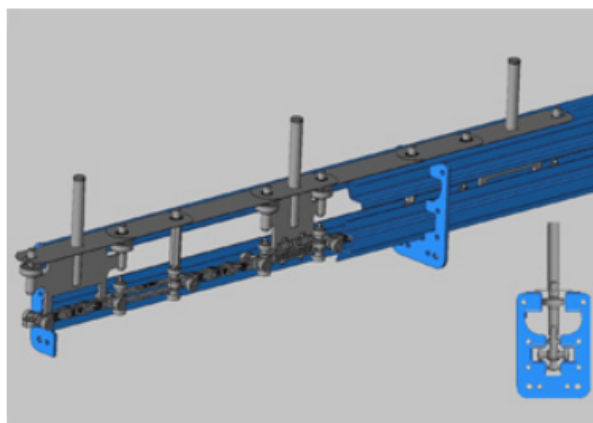
Technical data

Chain pitch:	200 mm
max. unit load (approx.):	40 kg
allowable chain pull (approx.):	7.000 N
max. total hanger load (approx.):	8.000 kg
max. operating temperature:	250°C
min. horizontal bend radius:	600 mm
min. vertical bend radius:	600 mm
standard bend radius:	800 mm

Standard installation lengths

Threading-in joint:	800 mm
Expansion joint:	350 mm
Tension unit:	400 mm
Lubrication unit:	700 mm
Caterpillar chain drive:	1.200 mm
Control unit:	500 mm

Circular conveyor - 90 Nni Inverted



... we offer:

- hanger bars with fancy designs, easy and quick installation
- caterpillar chain drive also available in maintenance free
- special colours available on request
- all spares and expansion parts immediately available from stock
- delivery as from 4 weeks
- **German production quality**

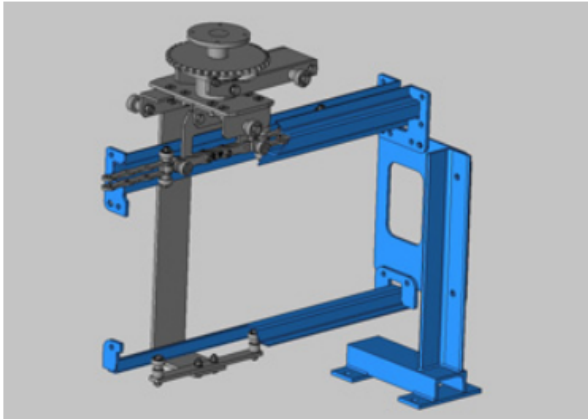
Technical data

Chain pitch:	200 mm
max. unit load (approx.):	40 kg
allowable chain pull (approx.):	7.000 N
max. total hanger load (approx.):	8.000 kg
max. operating temperature:	250°C
min. horizontal bend radius:	600 mm
min. vertical bend radius:	600 mm
standard bend radius:	800 mm

Standard installation lengths

Threading-in joint:	800 mm
Expansion joint:	350 mm
Tension unit:	400 mm
Lubrication unit:	700 mm
Caterpillar chain drive:	1.200 mm
Control unit:	500 mm

Circular conveyor - 90 Nn Inverted DS



... we offer:

- hanger bars with fancy designs, easy and quick installation
- caterpillar chain drive also available in maintenance free
- special colours available on request
- all spares and expansion parts immediately available from stock
- delivery as from 4 weeks
- **German production quality**

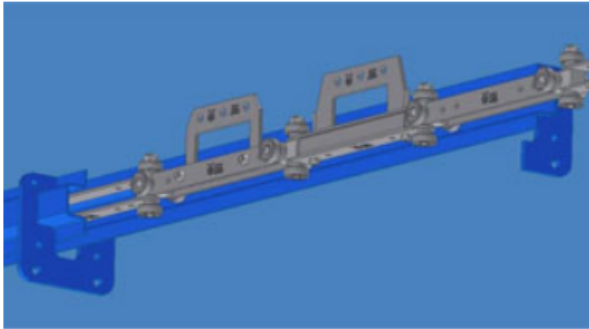
Technical data

Chain pitch:	200 mm
max. unit load (approx.):	40 kg
allowable chain pull (approx.):	7.000 N
max. total hanger load (approx.):	8.000 kg
max. operating temperature:	250°C
min. horizontal bend radius:	600 mm
min. vertical bend radius:	600 mm
standard bend radius:	800 mm

Standard installation lengths

Threading-in joint:	800 mm
Expansion joint:	350 mm
Tension unit:	400 mm
Lubrication unit:	700 mm
Caterpillar chain drive:	1.200 mm
Control unit:	500 mm

Circular conveyor - 120 Nn Inverted



... your advantage:

- Suitable for the heaviest transportation demand
- special colours available on request
- delivery as from 4 weeks
- all spares and expansion parts immediately available from stock
- **German production quality**

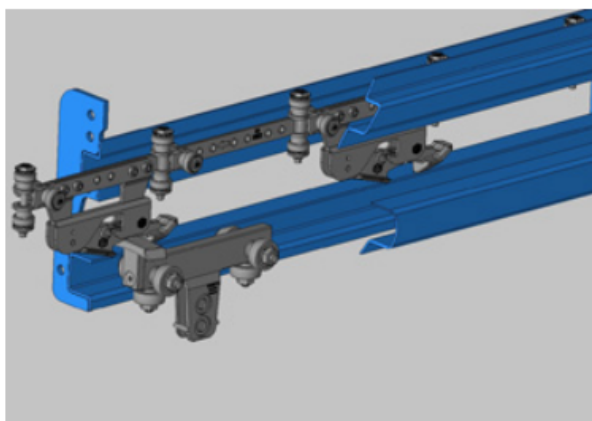
Technical data

Chain pitch:	300 mm
max. unit load (approx.):	60 kg
allowable chain pull (approx.):	8.000 N
max. total hanger load (approx.):	12.000 kg
max. operating temperature:	250°C
min. horizontal bend radius:	800 mm
min. vertical bend radius:	800 mm
standard bend radius:	1000 mm

Standard installation lengths

Threading-in joint:	800 mm
Expansion joint:	400 mm
Tension unit:	500 mm
Lubrication unit:	1.000 mm
Caterpillar chain drive:	2.000 mm
Control unit:	500 mm

Power & Free 55 M



Technical data

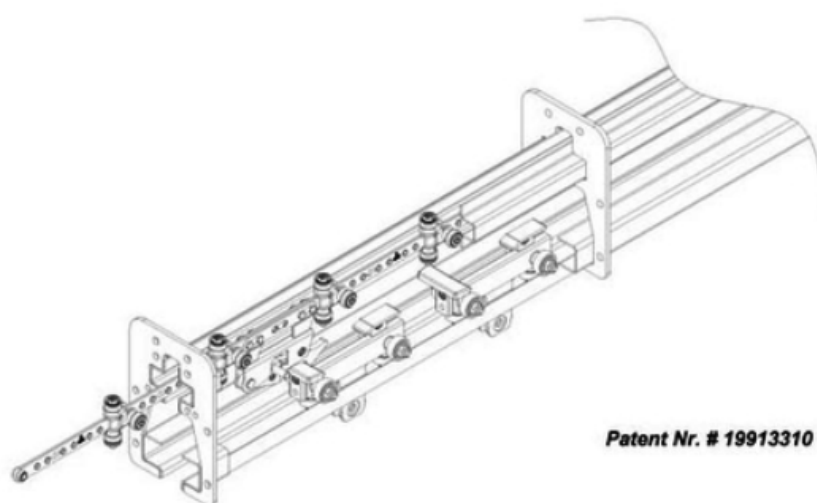
Chain pitch:	200 mm
max. unit load with single load trolley (approx.):	180 kg
max. unit load with 2-fold load trolley (approx.):	360 kg
max. unit load with 4-fold load trolley (approx.):	720 kg
max. operating temperature:	250°C
minimum horizontal bend radius:	800 mm
minimum vertical bend radius:	1.200 mm

Your advantage:

- automatic lubrication without dripping traces
- conveyor chain with oil collecting sheet
- caterpillar chain drive, also as low maintenance and maintenance free
- chain tension monitoring
- power and free rail from high-tensile quality profiled steel sections
- load trolley bearing, also maintenance free
- patented conveyor chain 55Nn **Patent No. # 19913310**
- **German production quality**

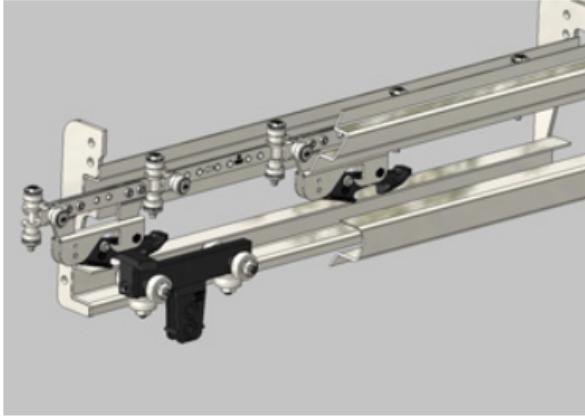
Standard installation lengths

Threading-in joint:	1.000 mm
Expansion joint:	350 mm
Tension unit:	400 mm
Lubrication unit:	1.000 mm
Caterpillar chain drive:	1.300 mm
Control unit:	500 mm



Patent Nr. # 19913310

Power & Free 55 MX - Stainless steel for high temperatures



Technical data

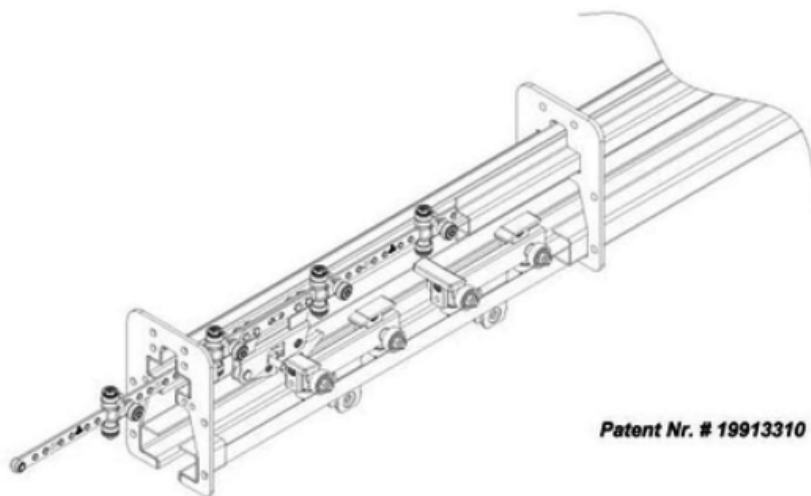
Chain pitch:	200 mm
max. unit load with single load trolley (approx.):	150 kg
max. unit load with 2-fold load trolley (approx.):	300 kg
max. unit load with 4-fold load trolley (approx.):	600 kg
max. operating temperature:	390°C
minimum horizontal bend radius:	800 mm
minimum vertical bend radius:	1.200 mm

Your advantage:

- automatic lubrication without dripping traces
- conveyor chain with oil collecting sheet
- caterpillar chain drive, also as low maintenance and maintenance free
- chain tension monitoring
- power and free rail from high-tensile quality profiled stainless steel
- load trolley bearing, also maintenance free
- patented conveyor chain 55Nn **Patent No. # 19913310**
- **German production quality**

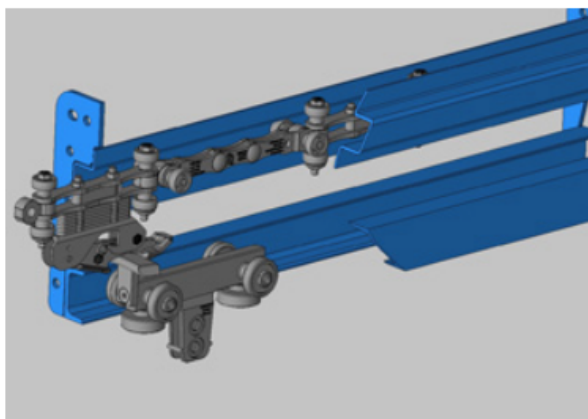
Standard installation lengths

Threading-in joint:	1.000 mm
Expansion joint:	350 mm
Tension unit:	400 mm
Lubrication unit:	1.000 mm
Caterpillar chain drive:	1.300 mm
Control unit:	500 mm



Patent Nr. # 19913310

Power & Free 90 MU



Technical data

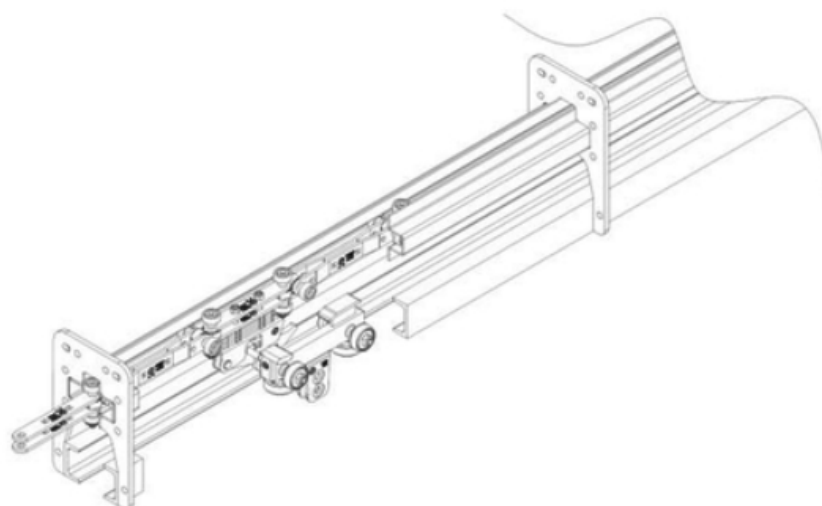
Chain pitch:	200 mm
max. unit load with single load trolley (approx.):	275 kg
max. unit load with 2-fold load trolley (approx.):	550 kg
max. unit load with 4-fold load trolley (approx.):	1.100 kg
max. operating temperature:	250°C
minimum horizontal bend radius:	800 mm
minimum vertical bend radius:	1.200 mm

Your advantage:

- automatic lubrication without dripping traces
- conveyor chain with oil collecting sheet at the vertical
- bearings caterpillar chain drive, also as maintenance free
- chain tension monitoring
- power and free rail from high-tensile profiled steel sections
- **German production quality**

Standard installation lengths

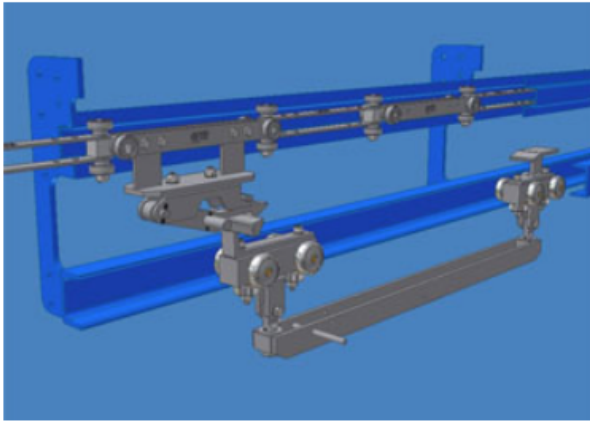
Threading-in joint:	1.000 mm
Expansion joint:	350 mm
Tension unit:	400 mm
Lubrication unit:	700 mm
Caterpillar chain drive:	1.400 mm
Control unit:	500 mm



Note!

Conveyor chain **90Nn** and **90NnV**

Power & Free 120 MU/80



Your advantage:

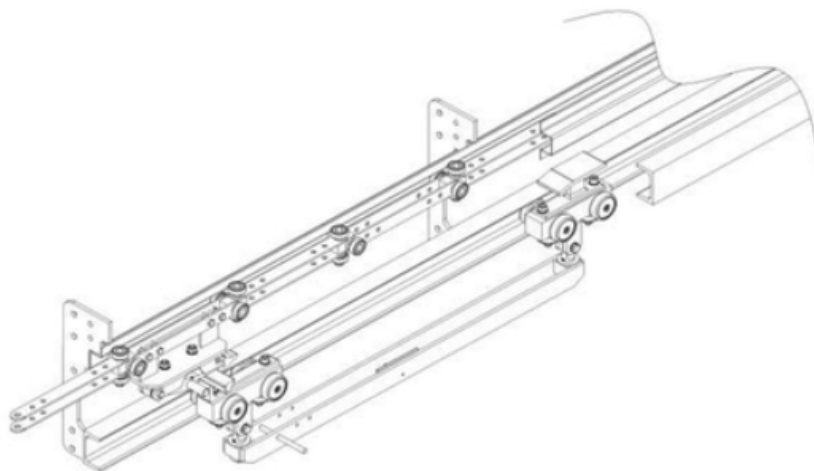
- automatic lubrication
- chain tension monitoring
- power and free rail from high-tensile profiled steel sections
- load trolley bearing, also maintenance free
- **German production quality**

Technical data

Chain pitch:	300 mm
max. unit load with single load trolley (approx.):	325 kg
max. unit load with 2-fold load trolley (approx.):	650 kg
max. unit load with 4-fold load trolley (approx.):	1.300 kg
max. unit load with 8-fold load trolley (approx.):	2.600 kg
max. operating temperature:	250°C
minimum horizontal bend radius:	800 mm
minimum vertical bend radius:	2.000 mm

Standard installation lengths

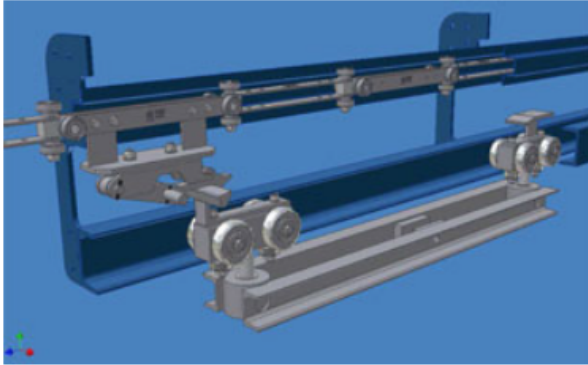
Threading-in joint:	1.000 mm
Expansion joint:	400 mm
Tension unit:	500 mm
Lubrication unit:	1.000 mm
Caterpillar chain drive:	2.000 mm
Control unit:	500 mm



Note!

Conveyor chain 120N

Power & Free 120 MU/100



We offer you:

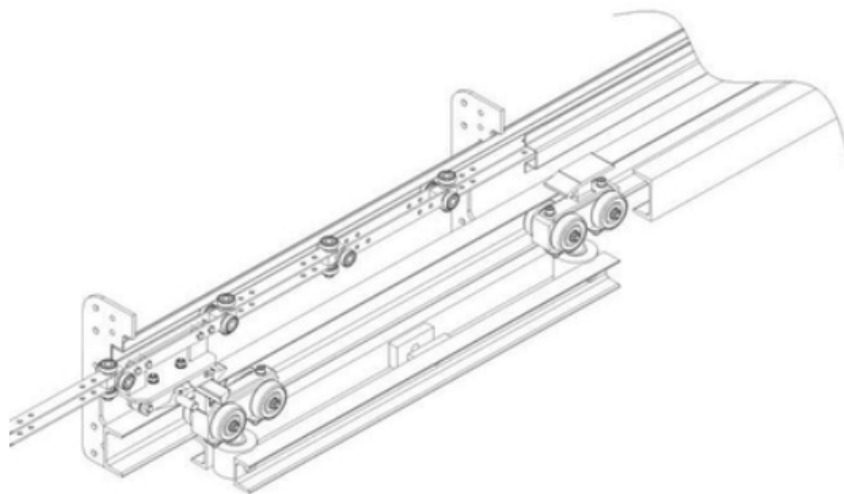
- automatic lubrication
- caterpillar chain drive
- chain tension monitoring
- load trolley bearing, also maintenance free
- power and free rail from high-tensile profiled steel sections
- **German production quality**

Technical data

Chain pitch:	300 mm
max. unit load with single load trolley (approx.):	625 kg
max. unit load with 2-fold load trolley (approx.):	1.250 kg
max. unit load with 4-fold load trolley (approx.):	2.500 kg
max. unit load with 8-fold load trolley (approx.):	6.000 kg
max. operating temperature:	250°C
minimum horizontal bend radius:	800 mm
minimum vertical bend radius:	2.000 mm

Standard installation lengths

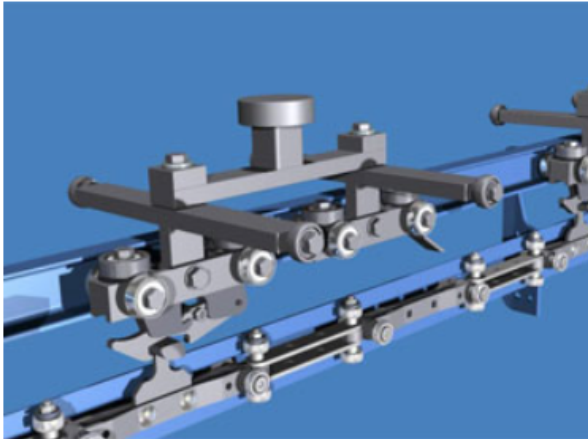
Threading-in joint:	1.000 mm
Expansion joint:	400 mm
Tension unit:	500 mm
Lubrication unit:	1.000 mm
Caterpillar chain drive:	2.000 mm
Control unit:	500 mm



Note!

Conveyor chain **120N**

Power & Free 90 MU Inverted



We offer you:

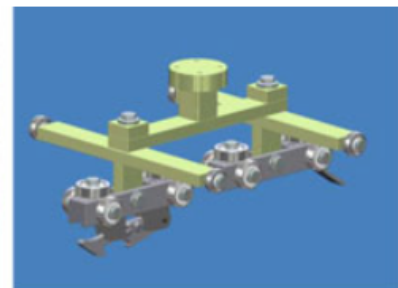
- over 98% system availability!
- strong, sturdy conveyor system
- caterpillar chain drive also as maintenance free
- chain tension monitoring
- load trolley rollers, maintenance free
- **German production quality**

Technical data

Chain pitch:	200 mm
max. unit load with multiple load trolley:	25 kg
max. operating temperature:	220°C
minimum horizontal bend radius:	800 mm
minimum vertical bend radius:	1.200 mm

Standard installation lengths

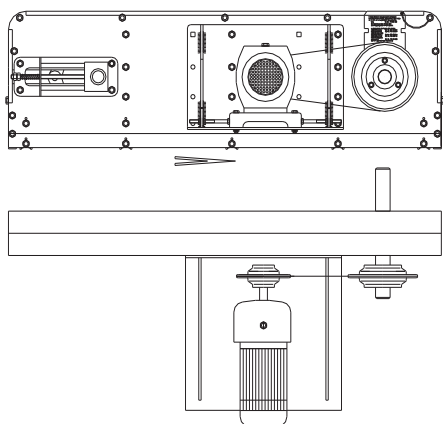
Threading-in joint:	1.000 mm
Expansion joint:	350 mm
Tension unit:	400 mm
Lubrication unit:	700 mm
Caterpillar chain drive:	1.400 mm
Control unit:	500 mm



Note!

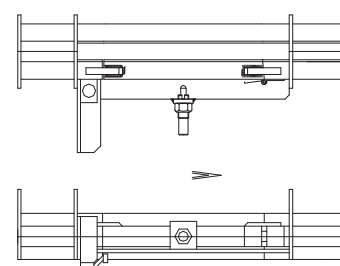
Specially designed for thin and special coating (car head-lights, plastic, etc.)

For all our overhead and P&F Conveyor systems:

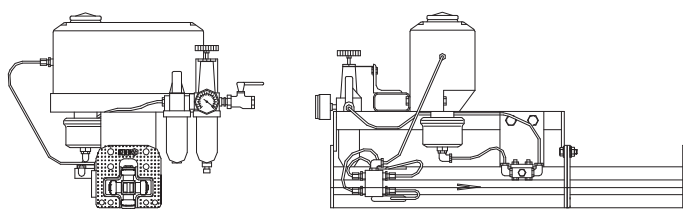


Caterpillar drive unit

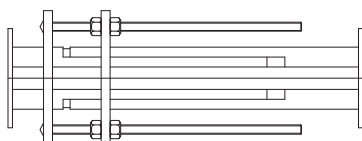
Chain control unit



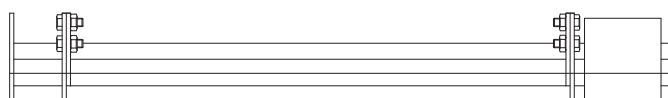
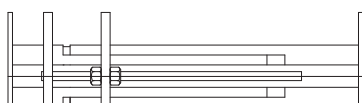
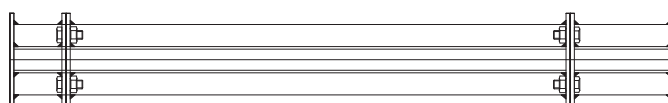
Full automatic lubrication unit



Chain tension unit



Threading-in and maintenance (inspection) section



Note!!

All drawings are for example only. ...



KEWESTA Firmgroup

Conveyor Technology

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