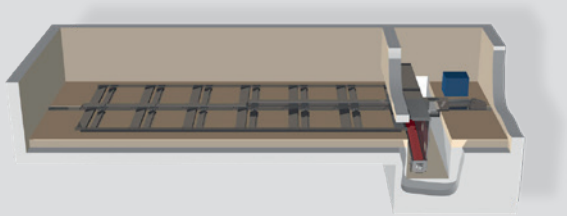
scheuch COMPONENTS

MOVING FLOOR DISCHARGE

PRODUCT DATA SHEET



Precise controller, homogeneous material movement for constant bulk goods quality with optional drying

TECHNICAL DATA

Number of vanes [units]	System length [X]	HEB 200 extension beam (separated from a length of 12,000 mm)	Thrust rod length (separated from a length of 12,000 mm)
4	5200	3750	5891
5	6550	5100	7241
6	7900	6450	8591
7	9250	7800	9941
8	10600	9150	11291
9	11950	10500	12641
10	13300	11850	13991
11	14650	13200	15341
12	16000	14550	16691

All specifications in mm

Bulk material height [m]	Moving floor width [m]			
	3,0 m	2,5 m	2,0 m	1,5 m
	5,2	6,2	7,8	10,4
	4,1	5	6,2	13,2
	3,5	4,1	8,3	11
	3	3,6	7,1	9,5
	4,1	5	6,2	8,3
	3,7	4,4	5,5	7,4
	3,3	4	5	6,6
	3	3,6	4,5	6
	2,8	3,3	4,1	5,5

Pressure limited to 170 bar or 52 tonnes pressure force

DESIGN

- Drive: hydraulic unit or hydraulic cylinder per thrust rod
- No mechanical drive parts in the fuel
- Level monitor (light barriers)

FURTHER OPTIONS

- Perfect integration of trough screw conveyors with individual length and method of operation
- Drying rack with a standard length of 1 m or 2 m and a maximum wheel load of 7,000 kg.

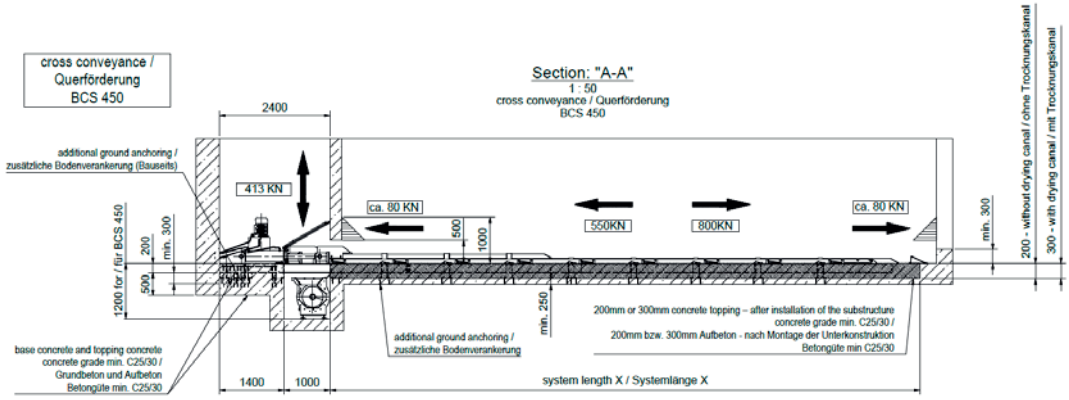
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Subject to technical changes.

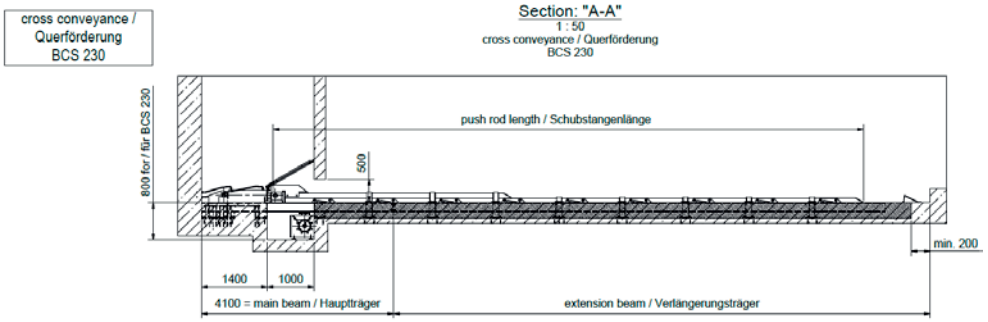
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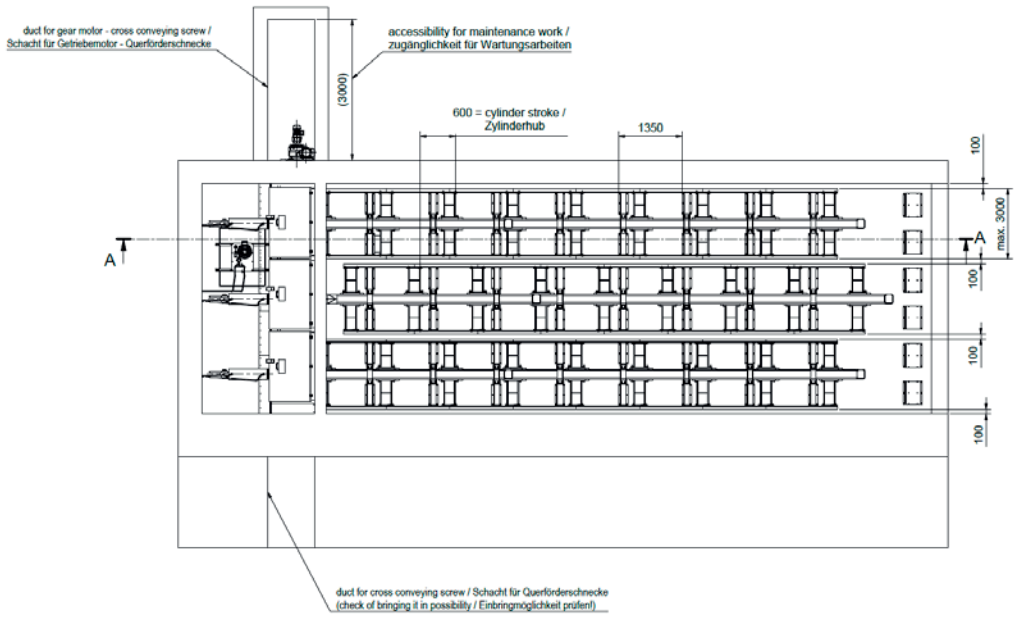
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For more information on the moving floor discharge, see our website.

TECHNICAL DRAWINGS





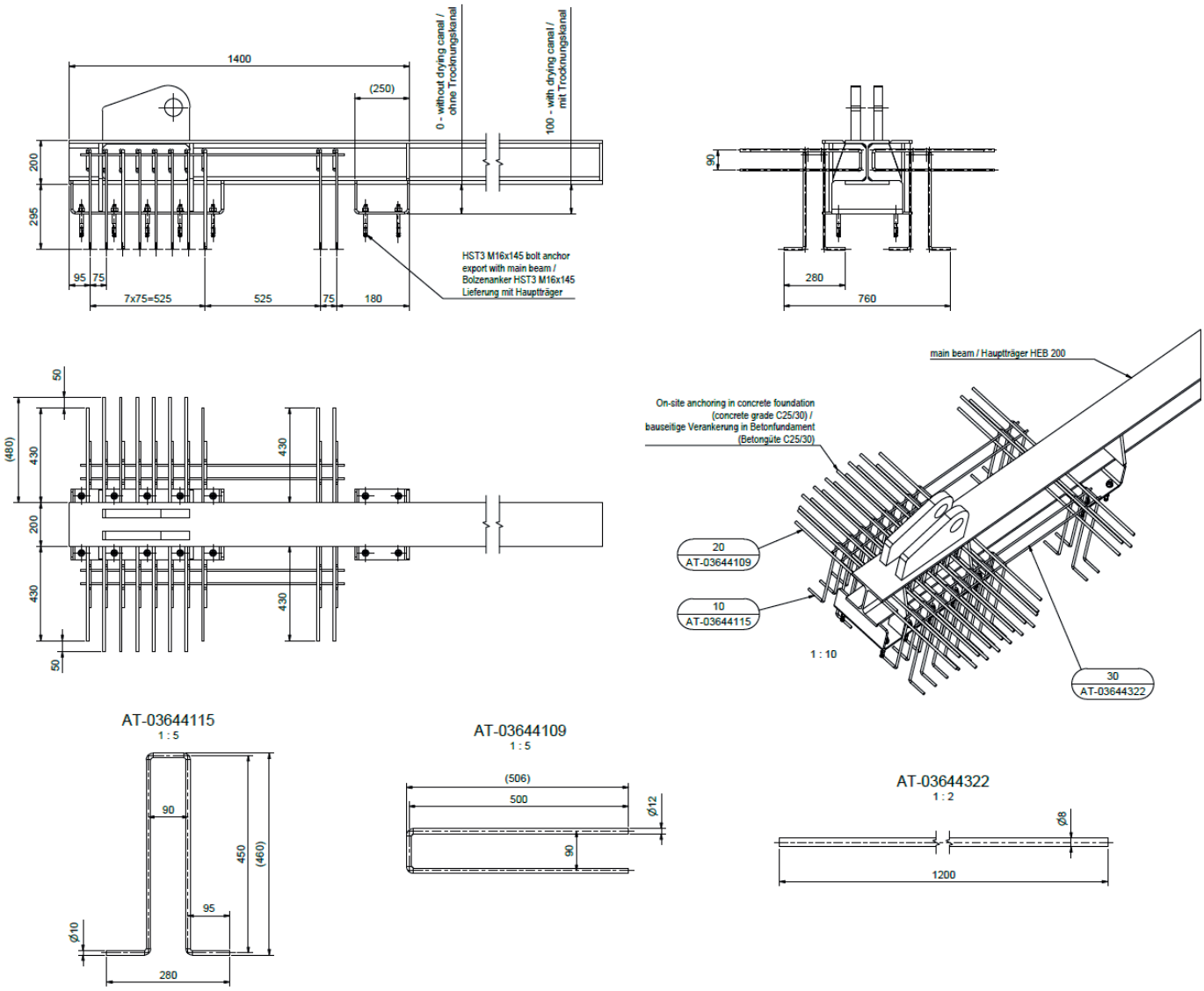


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TECHNICAL DRAWINGS: GROUND ANCHOR WITH BEAM



FORCES & LOADS

Forces per thrust rod or hydraulic cylinder, which must be passed into the building and impact walls:

- Cylinder changeover pressure: 250 bar
- Pushing force: 785 kN
- Pulling force: 589 kN

The forces on the bunker walls (front and rear wall) act as a surface load up to around 1 m above the ground and are highly dependent on the bulk material height, weight, bulk material angle and material properties.
The pressure on the side walls due to the material height must also be considered.

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