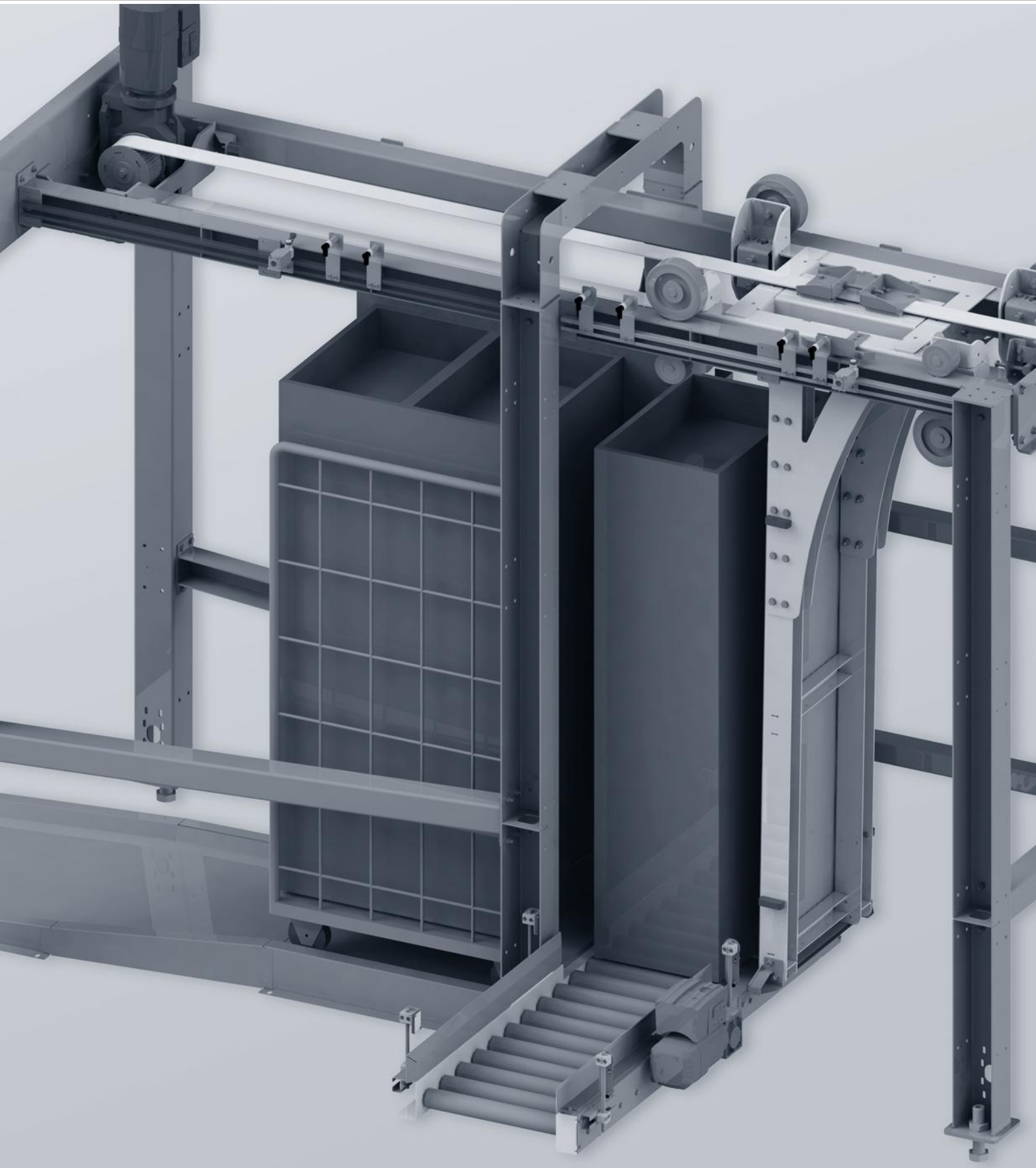




Roll cage and dolly un-& loading





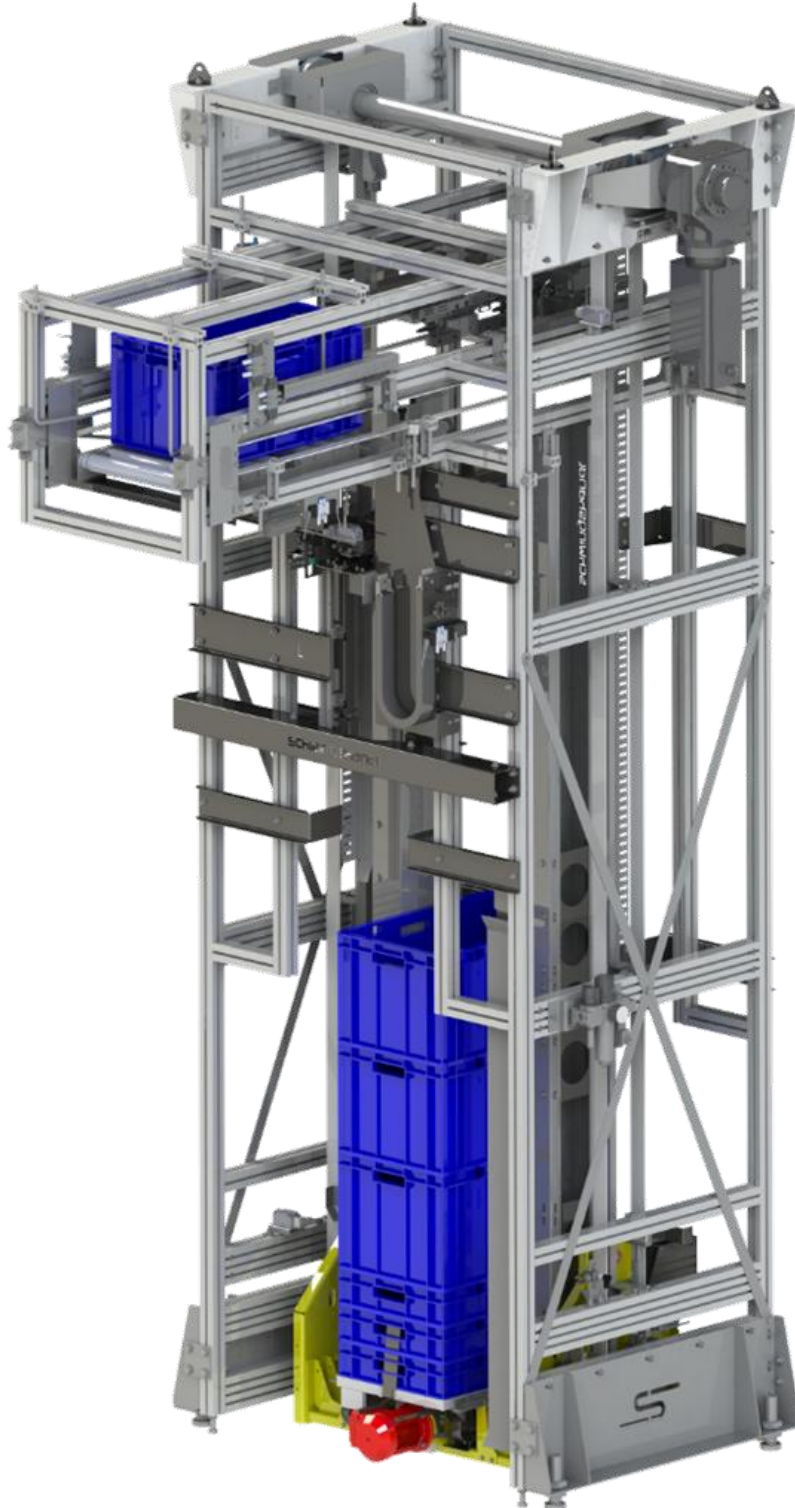
Roll cage and dolly un-& loading

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Roll cage and dolly un- & loading

1 De- & Stacker for stacks on dollies





Roll cage and dolly un-& loading

TECHNICAL DATA: Frame lift	
Stacking principle	Stacker: infeed on top, outfeed on the bottom Destacker: infeed on the bottom and outfeed on the top
Stack pattern	1 x Tote 600 x 400 short/ long side leading 2 x Tote 300 x 400 short/ long side leading
Hoist medium	2 x Toth belt
Stack weight	Max. 300 kg
Infeed/ outfeed level	Max. 8000 mm
Outfeed/ infeed level	Min 350 mm
Hoist speed	Max. 1,5 m/sec
Hoist acceleration	Max. 3,0 m/sec ²
Drive	Max. 9 KW Servo drive with brake
Position control	Resolver 1x Inductive sensor for reference point
Emergency switch	2 x Over run check 2 x Tooth belt breakage detection
Load handling device	Tooth belt conveyer
Option	Cladding

TECHNICAL DATA: Sliding unit for totes	
Clamping	Form fit / Frictional force
Sliding speed	Max. 2,0 m/sec
Sliding acceleration	Max. 3,0 m/sec ²
Drive for sliding unit	Max. 3 KW Servo drive with brake
Position control sliding unit	Resolver (tooth belt drive) 1 x Inductive sensor for reference point
Emergency switch	2 x Over run check
Tote clamp	Frictional force 4 x Pneumatic cylinder 8 x Reed contact 1 x Magnetic valve



Roll cage and dolly un-& loading

TECHNICAL DATA: Sliding unit for dollies	
Aufbau	Pusher for infeed and outfeed of the dollies
Payload	Max. 300 kg
Drive for sliding unit	SEW 0,25 KW
Clamping for dollies	2 x gravity catch
Position control sliding unit	4 x Inductive sensors
Emergency switch	2 x Over run control
Clamp/ stopper	Pneumatic cylinder
Control oclamp/ stopper	1 x Magnetic valve
Positionierung Verriegelung	2 x Reed contact

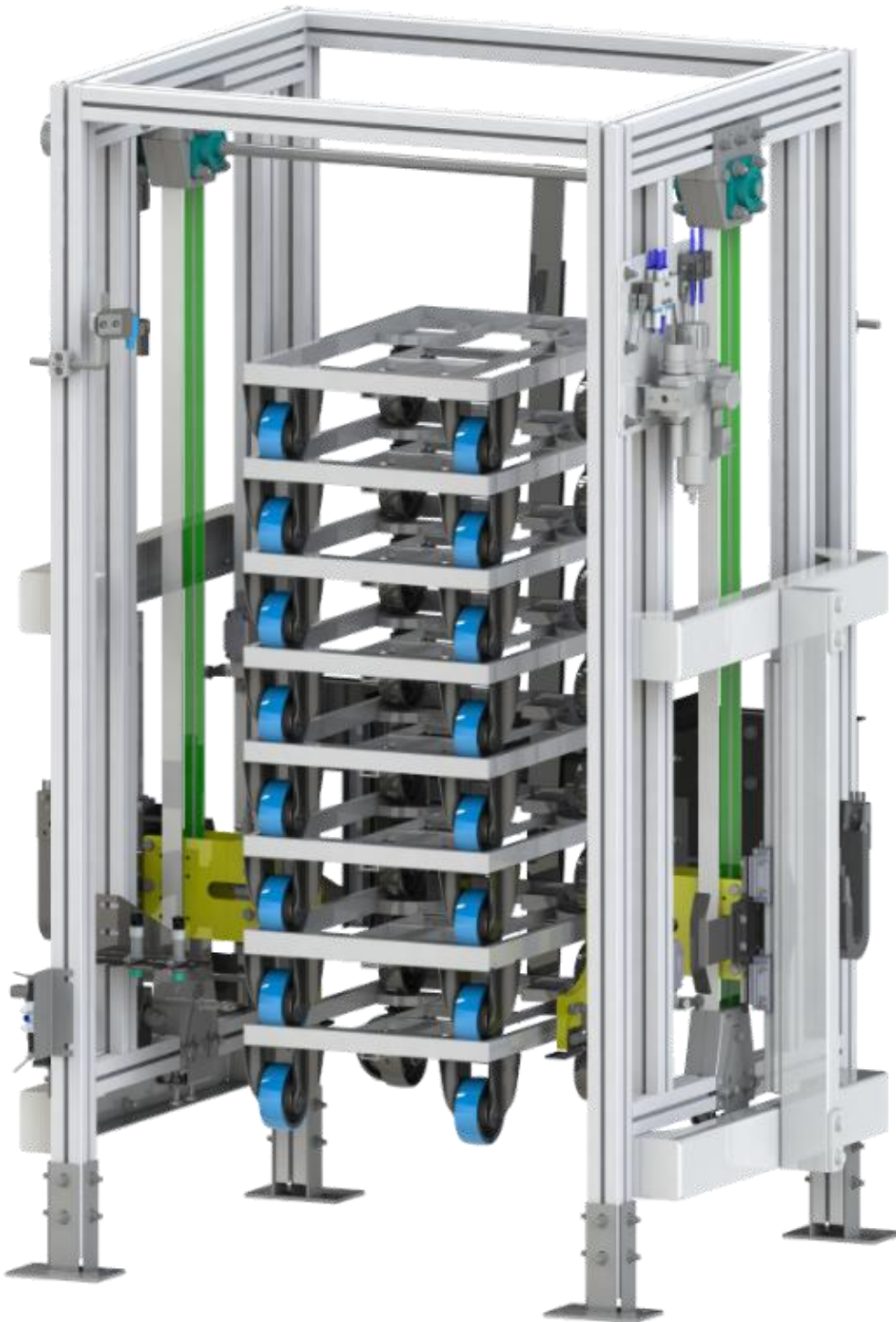
TECHNICAL DATA: Infeed conveyor	
See product overview	Conveyor system

TECHNICAL DATA: Stopper blade for infeed conveyor	
Drive	1 x Pneumatic cylinder
Control	1 x Magnetic valve
Position control	2 x Reed contact

TECHNICAL DATA: Conveyor system	
See product overview	Conveyor system

Roll cage and dolly un-& loading

2 De- & stacker for dollies





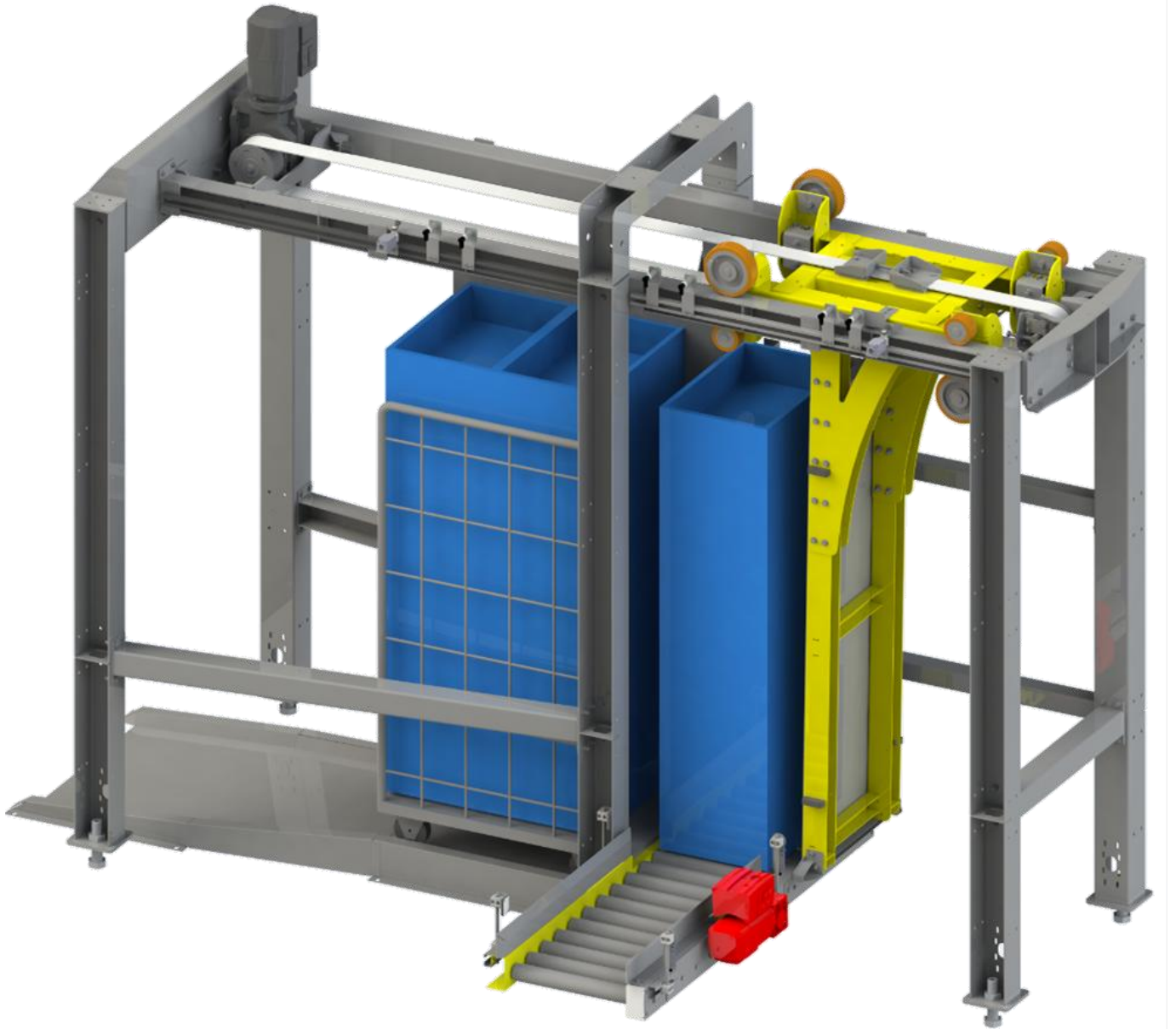
Roll cage and dolly un-& loading

TECHNICAL DATA: De- & stacker	
Stacking principle	„Classical“ infeed and outfeed on the same conveyor line
Stack pattern	1 x Dolly short side leading
Hoist medium	2 x Tooth belt
Stack weight	Max. 50 kg
Conveying level	Min. 200 mm
Hoist stroke	Max. 400 mm
Hoist drive	Max. 2,2 KW Servo drive with brake
Position control	Resolver 1x Inductive sensor for reference point
Emergency switch	2 x Over run check 2 x Tooth belt breakage detection
Dolly clamp	Frictional force 2 x Pneumatic cylinder 4 x Reed contact for cylinder position control 1 x Magnetic valve 1 x Pressure switch
Capacity	Max. 800 Dollies/h

TECHNICAL DATA: Conveyor system	
See product overview	Conveyor system

Roll cage and dolly un-& loading

3 Un- & Loading of roll cages





Roll cage and dolly un-& loading

TECHNICAL DATA: Stack pusher	
Type	Einfach Pusher
Payload	Max. 500 kg
Pull medium	Tooth belt
Stroke	Max. 5000 mm
Speed	Max. 0,5 m/sec
Drive	Max. 3,0 KW Controlled with brake
Position control	6 x Inductive sensor / Absolute encoder
Emergency switch	2 x Over run check

TECHNICAL DATA: Clamp for roller cage	
Drive	2 x Pneumatic cylinder
Control	1 x Magnetic valve
Positionierung	2 x 2 x Reed contact

TECHNICAL DATA: Conveyor system	
See product overview	Conveyor system