

PW Machine Services Ltd Introducing BÖCKELT TOWER Storage Systems

BÖCKELT TOWER storage systems are distinguished by their robust and structurally certified design that guarantees reliability and a long service life. Every detail of their solid hot-dip galvanised column frame has been optimised for swift handling by forklift and the rough and tumble of your day-to-day operations.

Immense gains in floor space thanks to the highly efficient use of the available space and a significant reduction of set-up and non-productive times thanks to optimised access to every type of material are 2 crucial advantages of this system. Including an option to manage left-over material, our intuitive management system keeps you in full control at all times.

A PLC control combined with the latest RFID technology constantly reports the current position of items checked into in-house Böckelt storage systems to the management software. Detecting any changes in storage location automatically, the system reduces the amount of accounting processes needed to the absolute minimum.

Especially if opting for several storage towers / locations, you can cut down set-up and non-productive times by an order of magnitude as these solutions optimise the flow of material!

Thanks to the modular design of this technology, subsequent upgrades are possible at any time. BÖCKELT TOWER storage systems will grow with your requirements.

Your tailor-made concept

Each storage system is customised to suit your specific needs based on the details provided. Their modular design makes it generally possible to expand the systems even after they have already been installed.

Head Office

PW Machine Services Limited

Fairfields, Barnsley Road, Brierley, Barnsley, South Yorkshire, S72 9LH

Email: pwmachineservices@outlook.com

Mobile: +44 (0) 7538 042579



(example exchange tower)

The exchange tower – for an efficient production flow – System 1

Boasting a modular design, the exchange tower merges the advantages of a drawer rack with those of a cassette rack. The system is based on a versatile drawer system including top-loading option that serves as an additional storage location. The front doors can be swiveled for the transport by means of a convenient roller lifting device.

An added Böckelt tower cassette storage system creates additional storage capacity and makes full use of the available room height. The operator side can either be on the front or the back.

An optional slewing crane can be adapted to one of the 4 corners of the optional added cassette storage.

- 1 **Exchange Tower drawer system 2080mm,**
basic module in standard height 2080mm, galvanized, coated parts in RAL 7035,
maximum loading capacity by using all options 45 000kg,
must be fixed in the floor with 12 anchors which are included,
system for sheet size: 3000mm x 1500mm with slewable doors one side
Loading side of cassettes: Front side
- 7 **Interchangeable frames,**
galvanized safety-rails with rubber stoppers, coated parts in RAL 7035,
direct mounting of BÖCKELT system cassettes,
3-ton bearing capacity with a corresponding cassette,
big double bearing flange wheels,
for sheet size: 3000mm x 1500mm
- 1 **Pre assembling of the exchange tower,**
the drawer unit of the exchange tower will be fully pre-assembled in the plant
and will be delivered as 1 part. Loading and unloading on side must be done by
crane. This reduces the work to be performed on site to positioning, aligning,
and anchoring. The installation of the upper cassette rack and crane on side is

Head Office

PW Machine Services Limited

Fairfields, Barnsley Road, Brierley, Barnsley, South Yorkshire, S72 9LH

Email: pwmachineservices@outlook.com

Mobile: +44 (0) 7538 042579

still necessary and not included in the price.
Pre assembling of one system.

Cassette rack as upper expansion on the drawer system,

galvanized, cross struts on the back side of the tower and 1 intermediate frame in the top, cassettes and further options must be ordered separately, assembly required, the rack will be mechanically fastened on top of the drawer system, check that the drawer system is anchored proper to the floor, operation with the forklift is possible from the frontside or either from the backside.

1 Upgrade for Exchange Tower drawer system,

for sheet size: 3000mm x 1500mm

Cassette loading height	100 mm
Grid spacing	240 mm
Quantity of locations	10
Height of the expansion	2546 mm
Total height	4626 mm

1 Aluminum Slewing Crane,

can be mounted to the rack system using the included adapter; smooth aluminum running track; 270° swivel range; including electro kit, without chain hoist / vacuum lifter; including special mount to install to the rack system; length of running track: 6m, max. 500kg

1 Chain hoist,

to upgrade the slewing crane: 500kg loading capacity; 2 speeds

1 Vacuum lifting device,

Load-bearing capacity at a vacuum of 60 %: 400kg; Handle bendable with pull locking device; painted in RAL 1028 (melon yellow) / galvanised; Hand slide valve with safety catch; Pressure gauge; crane lifting lug: 400kg / 6R, L = 2200mm / 1000mm

Cassettes

closed forklift receptacles for more safety and to protect the material against damages due the forks, dimension 180x80mm with center-center distance 900mm; standard wet coated in RAL 5012 simple industrial quality (color deviations during subsequent deliveries can occur), maximum loading capacity is valid only in case of full-surface loading! The operator is always responsible for securing loads. Loading height should not be higher than the height of the cassettes frame, bolts or plates.

7 Cassettes with frame on the long side

short sites are open for easy pickup of single sheets, for sheet size / maximum loading capacity and loading height: 3000mm x 1500mm, max. 3,0 t / 100mm

Head Office

PW Machine Services Limited

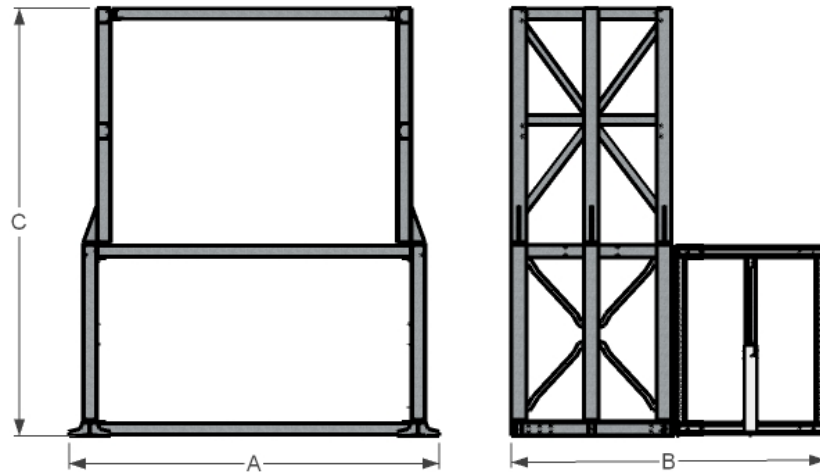
Fairfields, Barnsley Road, Brierley, Barnsley, South Yorkshire, S72 9LH

Email: pwmachineservices@outlook.com

Mobile: +44 (0) 7538 042579

10 Cassettes with frame on the long side

short sites are open for easy pickup of single sheets,
for sheet size / maximum loading capacity and loading height: 3000mm x
1500mm, max. 3,0 t / 100mm



This illustration is an example representation (Dimensions)

Length (A):	4014 mm
Depth (B):	3495 mm
Height (C):	4626 mm

Options and accessories

for sheet metal storages

1 Depalletiser for sheet metal,

coated in RAL 7035, 450mm pins, the Depalletiser is laid on the ground for using,
use only suitable devices for lifting sheets, Depalletiser
For sheet size: 3000mm x 1500mm, including 9 pins

Price:

**£47,950 Ex works Germany
and excludes the software**

Head Office

PW Machine Services Limited

Fairfields, Barnsley Road, Brierley, Barnsley, South Yorkshire, S72 9LH

Email: pwmachineservices@outlook.com

Mobile: +44 (0) 7538 042579