

## 3T S.W.L. CONCRETE PRODUCTS GRAB (FTZ-30)

### Safety Information and Operating Instructions

#### 1.0 General Information

- The FTZ-30 is a mechanical device that can be attached to an excavator or crane by means of a lifting eye.
- The FTZ-30 is designed for lifting and transfer of prefabricated concrete products in road construction, civil engineering and landscaping projects.
- Always make sure that the carrying capacity and the gripping range of the either device and the lifting equipment is not exceeded (see table below).

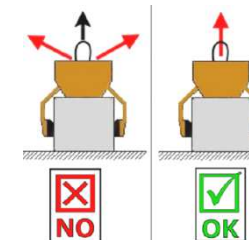
Model	Opening Width (mm)	Inside Height (mm)	Gripper Length (mm)	Carrying Capacity (kg)	Unladen Weight (kg)
FTZ-30	110-810	180	720	3000	230

• The use of a drop

chain (1m,5.3 tonne) is recommended to minimise any possible risk of damage to the grab

#### 2.0 Safety Instructions

- Only trained and competent persons should be allowed to operate and check this equipment.
- A risk assessment must be completed prior to use of the device.
- PPE as identified by risk assessment should be worn at all times.
- Current Health and Safety legislation requires that all accessories used for lifting purposes must be issued with a current report of thorough examination.
- The operating instructions should be always available.
- Serial number and SWL should be legible. Do not use equipment if they are unreadable.
- All body parts must be kept well clear when using the grab.
- There should be no one in the area where the device is being used.
- The use of the device is only permitted in proximity to the ground.
- Do not lift above people.
- Only rectangular goods may be lifted by the grab.
- Never use the device to transport people or animals.
- Take care when handling wet and dirty products.
- Do not lift products with packaging foil and plastic wrapping.
- Avoid quick or jerky movements with the device e.g. caused by driving fast over uneven ground as the grab will release the load.
- Work place must be sufficiently illuminated!
- Attention to thunderstorms!
- Do not use below 37.5°F or 3°C as load may fall in freezing conditions.



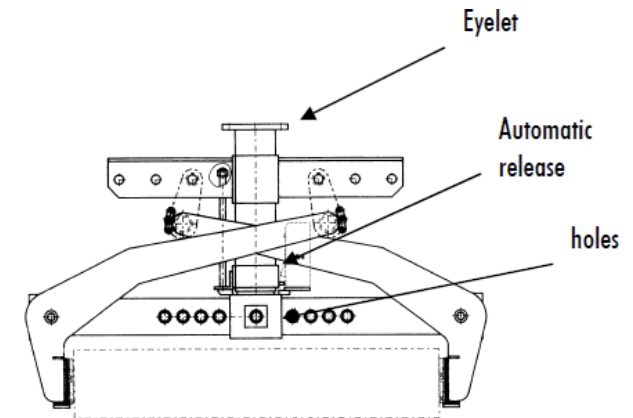
- The device should never be subjected to lateral force. ( pulling diagonally)
- Do not use the device to jerk seized products.
- Do not lift products off-centre.

### 3.0 Pre-Use Inspections of the 3T S.W.L. CONCRETE PRODUCTS GRAB

- This equipment should be subjected to a visual inspection prior to each use paying particular attention to the condition of the gripping rubbers and all bolts are tight.
- The equipment condition and functions should be fully checked before use.
- If there are any damage parts, do not use the equipment.
- If there security concern, splits, cracks, wear and tear or damage on carrying parts of the machine, immediately stop using it.
- The lifting equipment should be in good condition and the SWL must be respected.
- The operator must never leave the control unit of the excavator or crane as long it is being in operation and should always have a perfect vision on the lifting equipment.
- The lifting equipment / forklift have to be in a good and safe working condition including the current report of Thorough Examination.

- Take care that the maximum capacity of the lifting equipment/ forklift is not exceed.
- The grab works by means of pressure from the outside inwards.
- **It is important to make sure that the goods are defect free and able to withstand this pressure. Any fractures in the concrete or stone could lead to a total failure of the product.**
- **The device should not be opened if the opening path of the gripping arm is blocked by a resistance.**

### 4.0 Adjustments of the Opening Range & Operation



- The FTZ-30 should be connected to the excavator or crane.
- Before lifting the FTZ-30, the opening range has to be adjusted.