

1. WARNINGS

Pay special attention to all warnings marked with this simbol:



! The tilting buckets are accessories for use with IMER hoists on construction sites. For safety reasons they must be used according to the following instructions. Read these instructions carefully before using the bucket.

! Should the bucket be used for any other application than that described in these instructions (improper use), total responsibility for any damage or injury caused is transferred to the user.

! It is forbidden to carry out any modifications to the structure of the bucket.

IMER INTERNATIONAL decline any responsibility in the case of non compliance with Health and Safety regulations and safety standards governing the use of hoists. In particular, improper use, lack of maintenance, unauthorised modifications, use other than that detailed in these instructions.

2. USE

! The buckets are designed for hoisting and transporting materials of a semi fluid type (i.e. concrete, mortar, sand or aggregates) on a construction site.

! These buckets are designed to be used with the corresponding IMER, non guided, builders hoist, their use with any other type or kind of hoist needs to be verified by a competent person.

3. DESIGN

! The buckets are designed and manufactured in accordance with the safety and calculation requirements of the Directive 89/392/CEE and relative updates, taking into account the relevant working load limit marked on the plate.

The table 1 gives the technical data of the buckets manufactured by IMER INTERNATIONAL,

4. OPERATING

Hoisting operations should only be carried out by suitably trained and competent persons.

Before using the bucket (i.e. after a period of being out of service or at the start of each shift) the bucket should be inspected for any damage with particular attention to the welded points. The bucket must not be used if there is any damage found.

The bucket must be attached directly to the hoisting hook, (passing through the safety clip) using the welded ring on the tilting handle.

! It is very important to verify that the load contained in the bucket plus the weight of the bucket is less than the rated capacity of the hoist being used.

For this reason it is necessary to select the correct type of bucket for the application, taking into account the volume and density of the material to be lifted and the capacity of the hoist.

Table 2 provides a guide to the total weight if the bucket is completely filled using a concrete of 2.2 Kg/Litre (medium - low density)

! ATTENTION: For safety reasons do not fill the bucket to more than 90% of it's capacity during the lifting or lowering operation.

Before loading the bucket check that the handle is locked into position.

When loading the bucket ensure that all materials are in the bucket and that no materials protrude outside of the bucket.

Hoist the bucket to the unloading position, release the 'U' locking device to allow the bucket to tilt and control the tilting with the handle to unload the bucket. When empty the bucket must be repositioned to its horizontal position and locked using the 'U' locking device ready for the next operation.

! It is very dangerous to lift or lower A bucket that is free to tilt, the 'U' locking device must be in the locked position during all lifting and lowering operations.

5. MAINTENANCE

After use the bucket should be cleaned using water to remove any wet concrete, before storage the hinges should be greased.

Regular inspection should be carried out by a competent person, any damage to the welding should be noted and the affected item replaced, only using genuine IMER spare parts. Re welding is not permitted.

To prolong the life of the bucket any damage to the paint should be rectified before storage.

To protect the environment the disposal of bucket should only be through a licensed scrap metal dealer.

TABLE 1

Part No	Type	Bucket Weight (Kg)	Volume (Litres)	Safe Working Load (Kg) (*)	Dimensions (d x l x w)
1191280	BT 45	13	45	150	400x480x300 mm
1191285	BT 90	16	90	200	415x630x365 mm
1191290	BT120	20	120	300	450x731x430 mm

(*) NOTE: The safe working load is the maximum load that the bucket is certified to lift

TABLE 2

Type	Material	Total Weight (Kg)
BT 45	Concrete (2.2 Kg/l)	112
BT 90	Concrete (2.2 Kg/l)	214
BT 120	Concrete (2.2 Kg/l)	284

