

Pit construction diagram 00703612A

METTLER TOLEDO MultiRange
Dry and wet pit



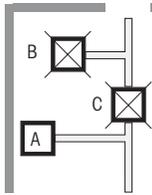
KC/MC/DC/KCS/MCS/DCS line

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Standard equipment

- | | |
|----------------------------|---|
| 2 Pit brackets, lengthwise | 4 Screws |
| 2 Pit brackets, crosswise | 4 Washers |
| 2 Cover strips | 1 Rubber grommet |
| 4 Nuts M8 DIN 934 | 1 Accessories bag with parts for scale installation |
| 4 Hex bolts M8x20 DIN 933 | 1 Pit construction instructions |
| 1 Locking plate | |
| 4 Dowels | |

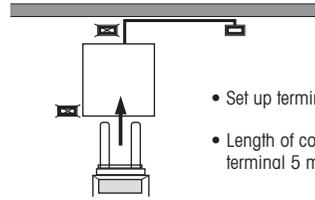
1. Determine location of weighing platform



- A **Good**, sufficient room to load pallets on the weighing platform
- B **Unsuitable**, difficult to access
- C **Wrong**, unnecessary wear on weighing platform

Note maximum static load:
min. 1300 kg/25 cm²

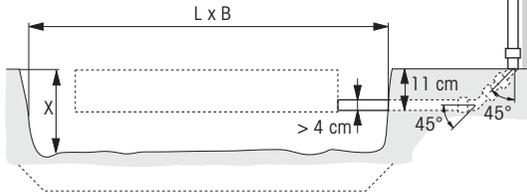
2. Determine location of terminal



- Set up terminal to ensure good access
- Length of connection cable terminal 5 m (standard)

3. Prepare framework pit

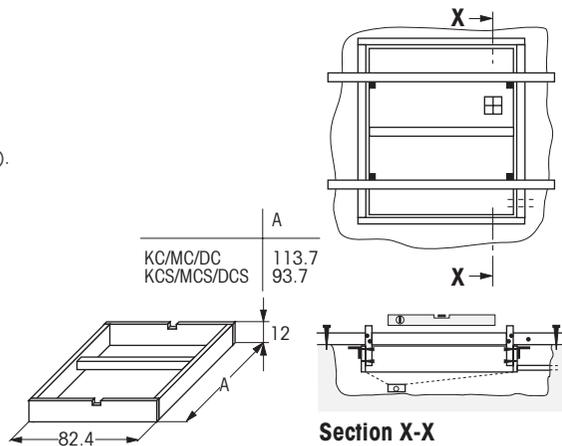
- Excavate framework pit as specified in the table below.
- Excavate channel for cable conduit. The cable conduit ends in the base of the pit (see illustration).
- Pipe diameter min. 4 cm.
Do not use a right-angled pipe, rather two pipes of 45°
- Only wet pit:
Ensure appropriate gradient for drain water. Install recess with siphon as shown.



	L	B	X
KC/MC/DC	165	140	
- Dry pit			20
- Wet pit			30
KCS/MCS/DCS	140	130	
- Dry pit			20
- Wet pit			30

4. Concrete forming

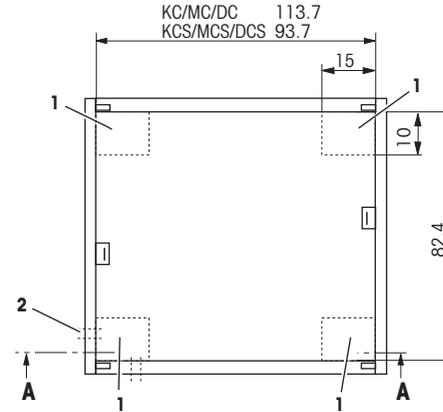
- Assemble steel pit frame.
When tightening the bolts ensure that the frame is flat.
Check that the frame is rectangular.
- Prepare stable wooden frame (see sketch for dimensions).
The steel frame must fit the wooden frame exactly.
- Install wooden frame together with steel frame in the framework pit.
The steel frame must be exactly horizontal.
- When concreting ensure that the wooden frame remains in place.
- Wet pit:
After the pit base has set and the formwork removed, concrete the supports for the leveling feet of the weighing platform (see Dimension drawings).



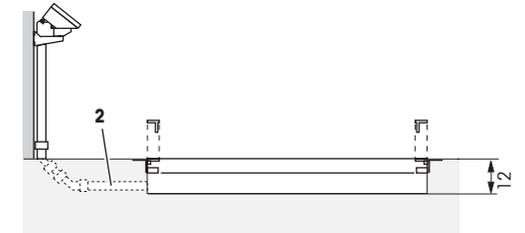
5. Dimension drawings

Dimensions in cm

Dry pit

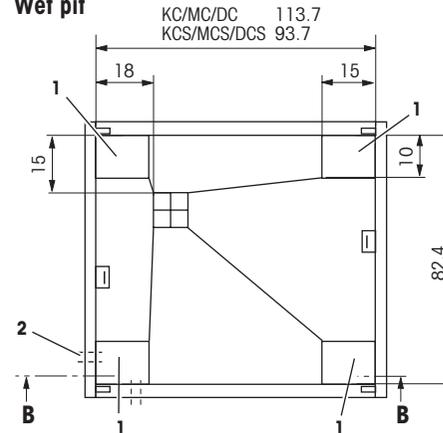


- 1 Supporting surface for levelling feet of the weighing platform
- 2 Cable conduit

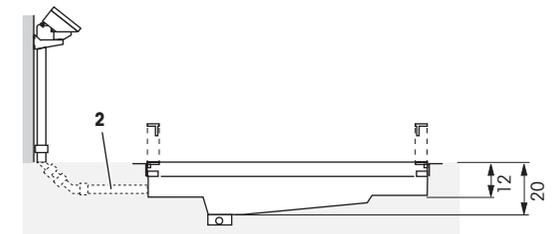


Section A-A

Wet pit



- 1 Supporting surface for levelling feet of the weighing platform
- 2 Cable conduit



Section B-B