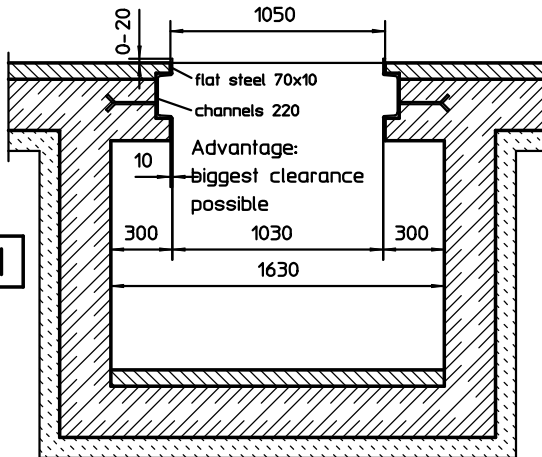
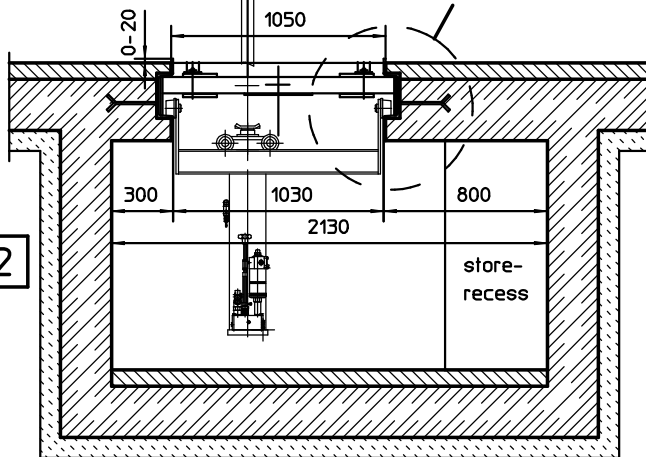


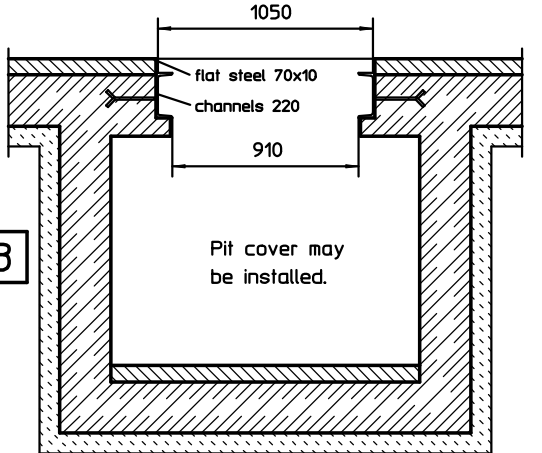
**Section A-A** all dimensions in mm  
scale 1:25



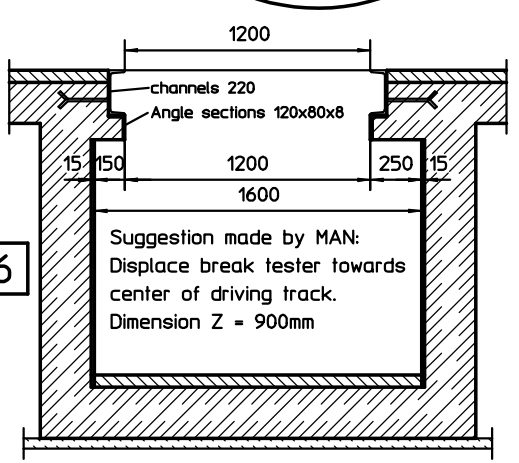
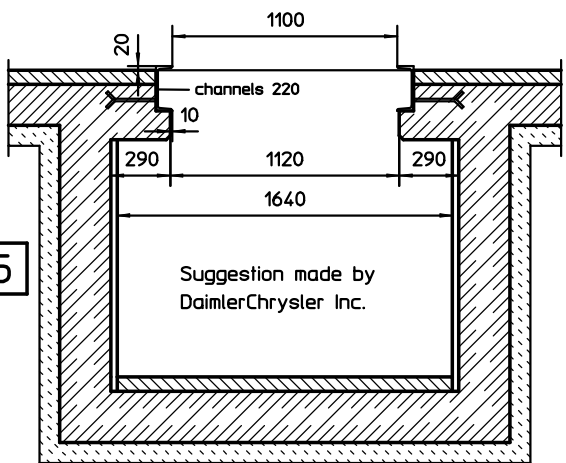
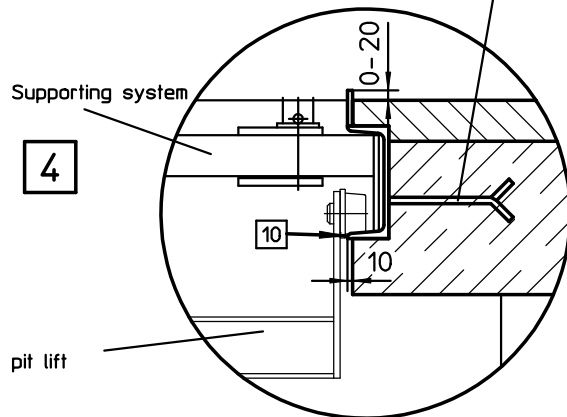
**Section B-B** scale 1:25  
detail X



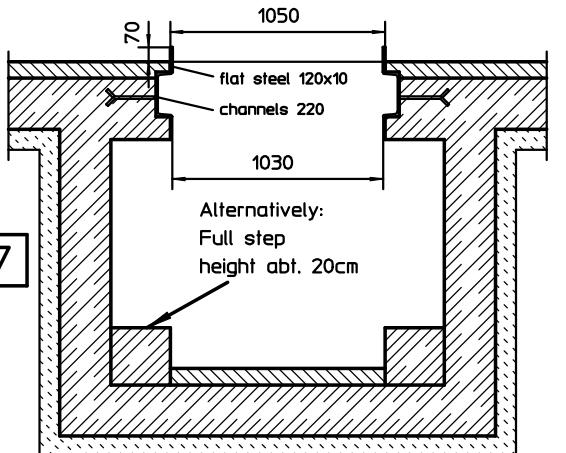
**Further suggestions for pit section without wheel guards**



**detail X** scale 1:10  
Anchor dimension and distance as stipulated in the statics.

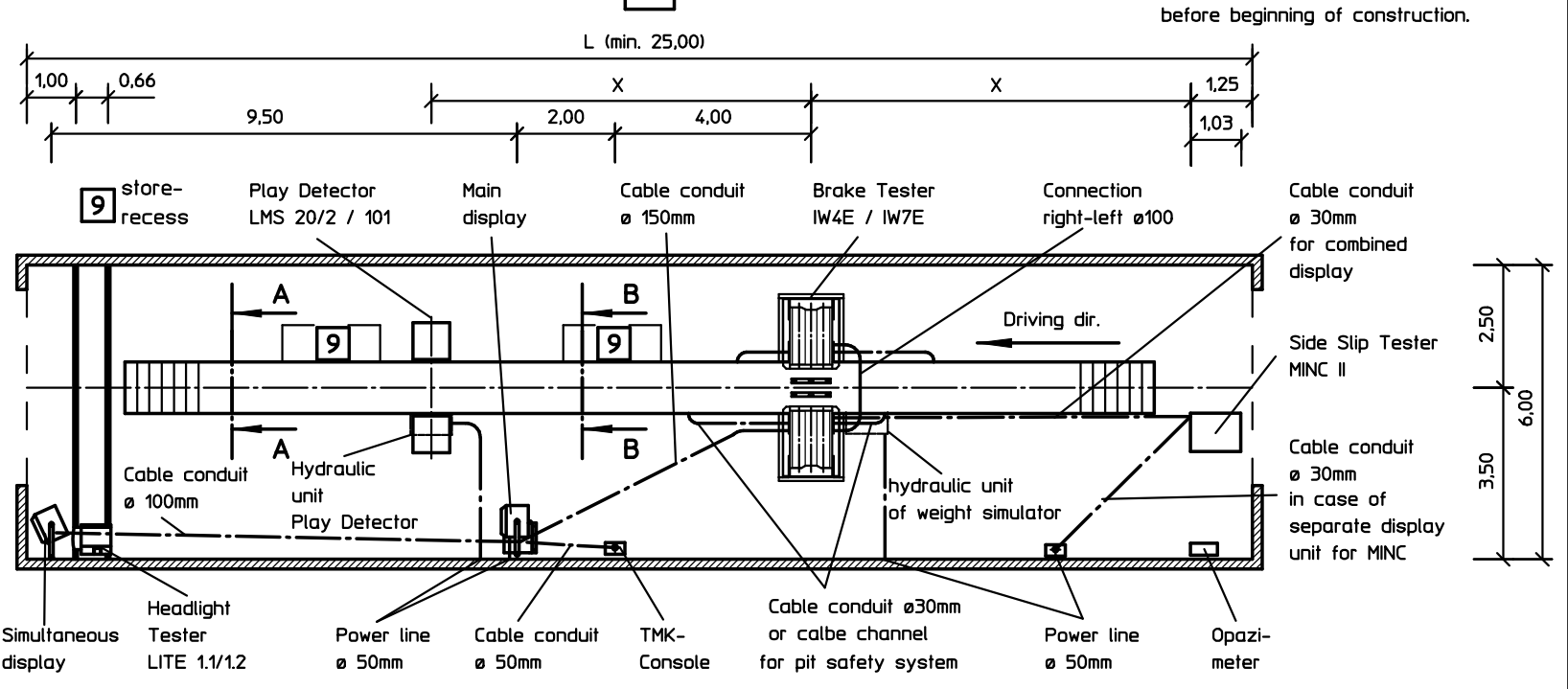


**Suggested pit section incl. wheel guards**



**Attention:**  
Only suggestions!  
The most adequate pit for your workshop must be chosen individually.

**Positioning suggestion**  
Testing lane for trucks  
Version with  
Screen-display



**Technical data sheet No. 930**

All dimensions to be checked!  
Attention: Order up-to-date data sheets before beginning of construction.

**Planification of pit**

**Wheel guard**

Regul. laid down for workshops open to the public, sugg. height above floor level max. 80mm, sugg. width max. 1050mm with pits for cars and transporters. Transport agencies or carriers mostly do without in their workshops. May only be omitted if direct pit access exists (entrance and exit not within turning cycle). Wheel guards may damage wheels, pit cannot be covered absolutely even, lateral access below floor of vehicle is restricted. Largeness of pits for trucks without wheel guards may be 1200mm. Twin wheels may extend into the pit area.

**Edge profile of pit:**

Parallelity of pit edge profile: 0-5mm, for assembly please use spacers every 2.50m.

10 Rollers of pit lift must reach iron bar. Concrete must not exceed.

**Advantages of edge profile U220 for pit vs. angle profile:**

Pit lift and support blocks below drive level, wheels do not bump. Clearance width 160mm larger than with angle profiles.

**Width of pit: Please check existing range of vehicles.**

Cars and transporters: max. overall width 1050mm  
Trucks and busses: max. overall width 1200mm  
Trucks and busses with twin wheels have partly got one lane min. 1080mm. Largeness of pits with wheel guards max. 1050mm.

**Suggested depth of pit:**

Depth for cars, transporters and busses: 1,60-1,70m  
Depth for trucks: 1,50-1,60m  
Once-through forced exhaust is necessary with pit depth 1,60m (incl. wheel guard). Also if pit is less deep, health harming exhaust gases may exist.

**Driving assistance**

E.g. by using a series of colored clinker on driver's side, use yellow/black clinkers at bord of pit.

**Local build. regulations to be observed**

**Miscellaneous:**

Provide pipes for air, oil, electrical supply and sensor lines.  
Oil / petrol precipitator, pit draining  
Pit closing and/or pit cover  
Access area in front of workshop as flat as possible.  
Pit protection to be provided.  
Testing lane: displace pit 0,50m off-center into workshop.  
Oil change/store-recesses in the pit.  
Pit and foundation statics.  
Eventually two pit lifts are necessary in front of and behind brake tester.

**Attention:**  
The clearance between the testing units - dimension X - should be checked again with regard to the existing range of vehicles to be tested. Please avoid that more than one axle of a vehicle is situated upon the testing units.

type of vehicle	recommended clearance X
trucks as well as trucks and trailers	7,75m
oversized busses and semi-trailer trucks	9,00m
ideal dimension (length of workshop min. 50 m)	16,00m

**Attention:**  
In countries with left-hand drive the configuration of the testing units should be laterally reversed.

If the test hall is shorter than 25m, the distance between the side slip tester and the brake tester should be reduced accordingly.

All dimens. in m Indication: Our positioning proposals are only recommendations, which are not binding. We cannot be held liable that the installation of testing and lifting devices as well as of other products according this proposal allows effective and trouble-free application.	Maße ohne Toleranzangabe nach DIN ISO 2768-mK	Schutzvermerk nach DIN 34 beachten!	Maßstab 1:100	Gewicht
		Datum 20.12.2000	Betreuer	
		Name	Grf.	
		Gepr.	MAHA-Positionierungsvorschlag	
	Norm	LKW Grubenschnitte		
		Kommission		Blatt
		Zeichnungsnummer		1
		P-00367		BL
Originalgröße der Zeichnung: A2	Zust.	Änderung	Datum	Na
			Ursprung	Ers. f.
				Ers. d