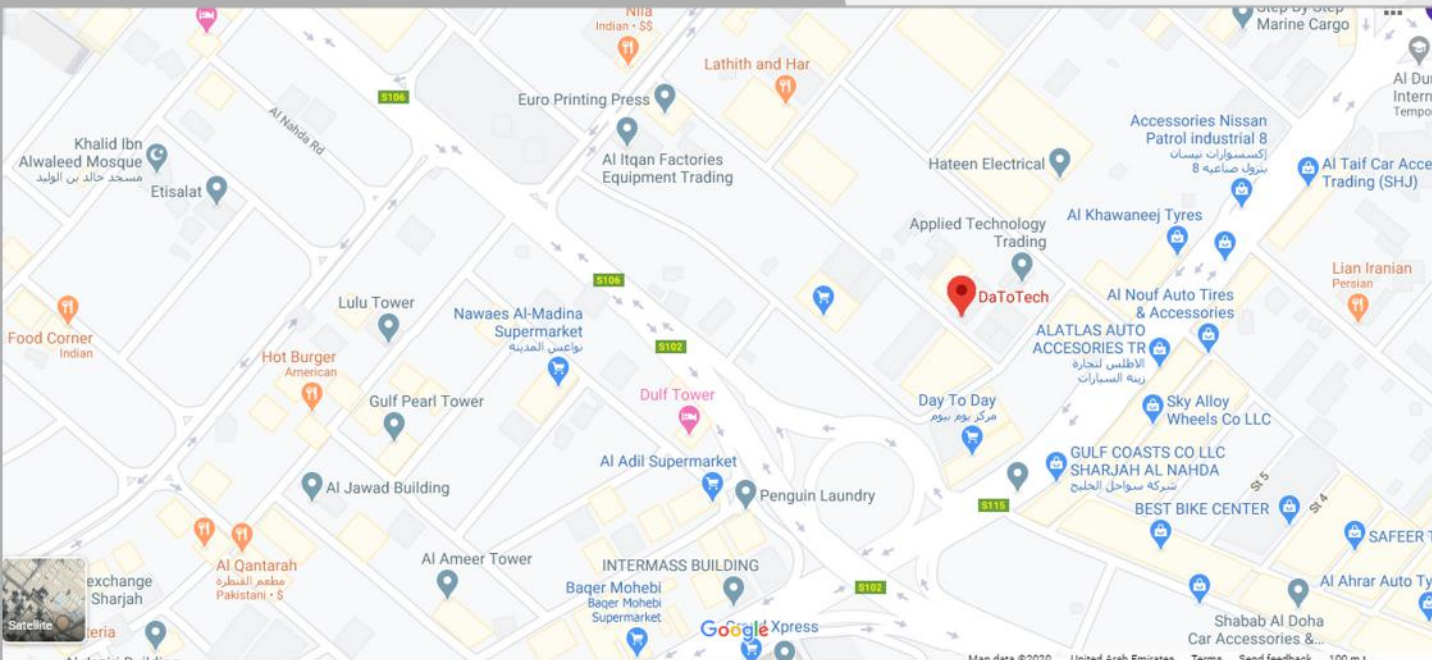


DaTo

📍 (Mena Office)
Industrial Area 1,
Sharjah, UAE



DaTo

📍 (Showroom)
First Industrial Street
Sharjah, UAE

info@datotech.de
📞 +971-6-5303915

DaTo

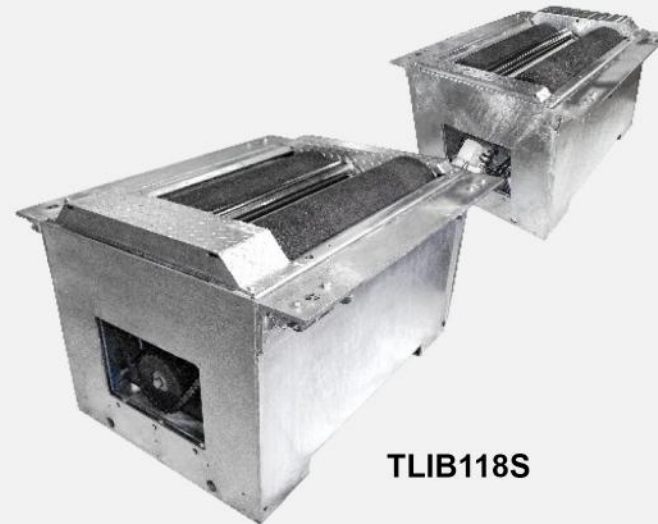


DaTo Truck Testlane - TLIT118

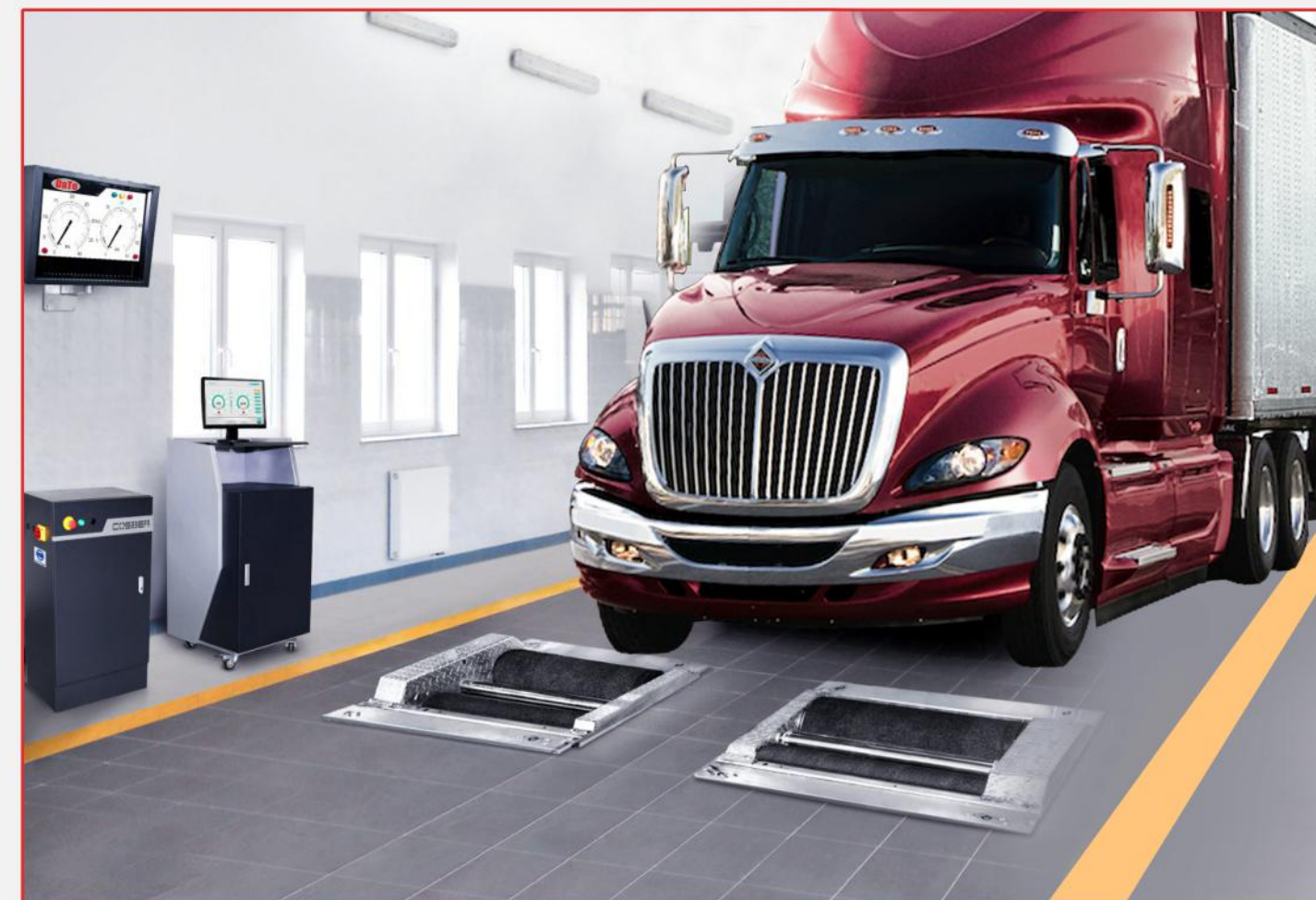
DaTo-Brake Tester For Truck

C-BTT series for 18t axle load:

- ✓ Heavy duty structure body design
- ✓ Hydraulic load simulation
- ✓ Four wheel drive (4.4)
- ✓ With automatic gear motor lock function to facilitate the driving in and out of vehicles
- ✓ Two-speed operation mode with lifting load, adapt to different types of vehicle
- ✓ Mechanical components with hot-dip galvanization for protection against corrosion.



TLIB118S



CONTROL BOX & ACCESORIES

Control Box Technical Parameters

Dimensions (L × W × H)	1050 × 600 × 360 mm
Equipment weight	60 kg
Power supply	AC 3-phase × 400V + PE /50Hz AC 3-phase × 230V + PE/60Hz (optional)
Rated current	400V - 12A 230V - 20A (optional)
Power cable requirements	5 × 2.5 mm (3P + N + PE)

FEATURES:

- ✓ Digital difference displayed in % at LED-display
- ✓ Road adhesion in % for suspension tester
- ✓ Difference for side slip tester in m/km
- ✓ Status lights for different operating modes



Remote Control



Air pressure sensors



Pedal force sensor

Hydraulic Load Simulation:

- ✓ Hydraulic lifting function with lifting height of 200mm and improved testing of multi-axis vehicle.
- ✓ Controlled by radio remote control.
- ✓ Suitable for almost all trucks and trailers.

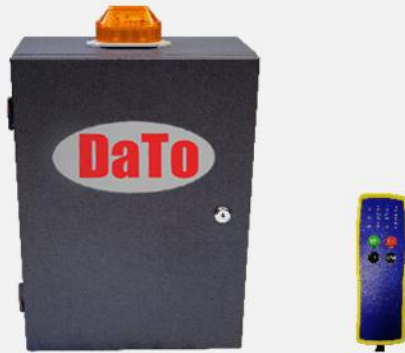


Technical Parameters:

Equipment Model	LJHT113	LJHT118
Maximum drive over load	13000 kg	18000 kg
Measurement range	0 ~ 40000 N	0 ~ 40000 N
Wheel track width	1000~3000 / 1100~3100 / 1200~3200 mm	1000~3000 / 1100~3100 / 1200~3200 mm
Roller diameter	Ø 208 mm	Ø 248 mm
Roller length	1000 mm	1000 mm
Coefficient of friction (dry / wet)	> 0.7 / 0.6	> 0.7 / 0.6
Roller test speed	2.5 ~ 5 km/h	2.5 ~ 5 km/h
Roller height difference	30 mm	50 mm
Motor power	9 kW 11 kW	15 kW 13~17 kW
Dimensions (L × W × H)	3220 × 1040 × 686 mm	3490 × 1240 × 806 mm
Equipment weight (ca.)	> 1500 kg	> 1700 kg

Lifting Device (Control Box)

- ✓ Remote control for Hydraulic Load Simulation.
- ✓ Control Box for Hydraulic Load Simulation.



Configurations:

Equipment	Type	Standard		Option	
		LJHT113	LJHT118	LJHT113	LJHT118
Brake Tester	Roller type	Corundum		Spike	
	Roller length	1000 mm		1000 mm	
	Weight system	-		8 Weight sensors	
	Motor power	2 × 9/9 kW	2 × 13/17 kW	2 × 11/11 kW	2 × 15/15 kW
	Frame surface	Hot-dip galvanized		Spray painted (Green)	
	Speed sensor	Yes		-	
	Lifting function	-		Yes	
	Lifting height	200 mm		200 mm	
	Lifting load	4000 kg		4000 kg	
Control Cabinet	Drive type	Two-wheel drive mode		Four-wheel drive mode	
	Drive out support	Electroautomatic		Electro-magnetic Brake	
	Asa communication	Yes		-	
	Supply voltage	Three-phase AC 400V/50Hz		Three-phase AC230V/60Hz	
	Remote control	-		Yes	

FEATURES:

- ✓ Digital difference displayed in % at LED-display
- ✓ Road adhesion in % for suspension tester
- ✓ Difference for side slip tester in m/km
- ✓ Status lights for different operating modes



Remote Control



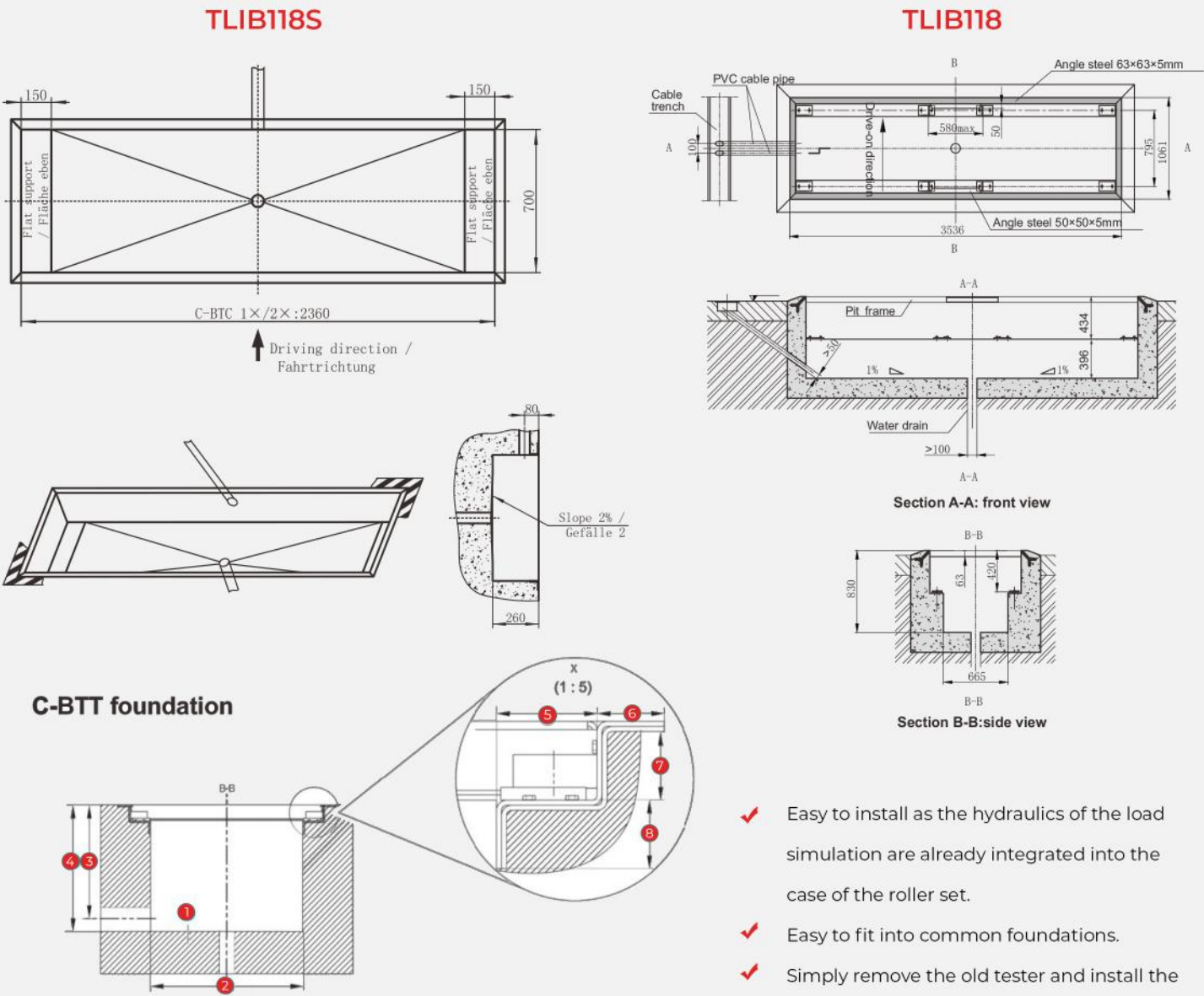
Pedal force sensor



Air pressure sensors



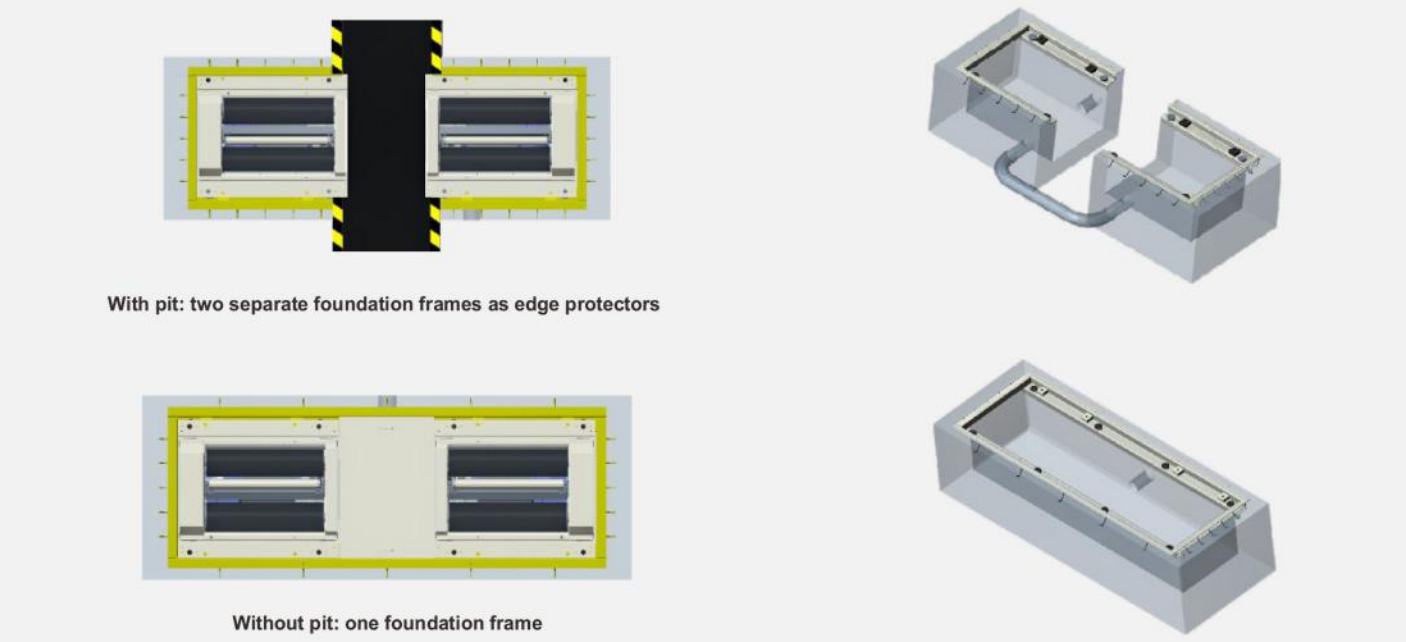
Pit & Bed Dimensions:



Prerequisite to the foundation:

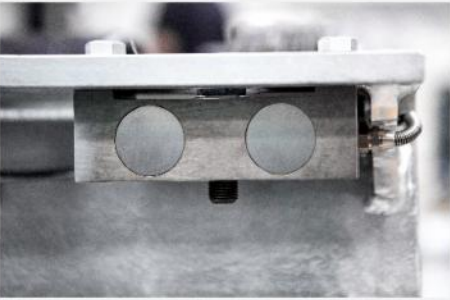
Pos.	TLIB118S
1	C20/25 (DIN EN 19992-1-1)
2	920 mm
3	675 mm
4	750 mm
5	120 mm
6	80 mm
7	93 mm
8	80 mm

Variants for Installation with or without pit:

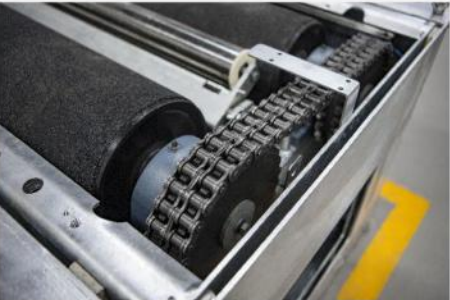


Installation Accessories:

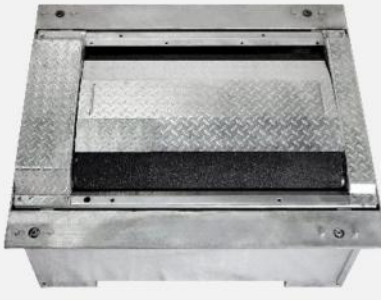
TLIB	Type
	separated pit-frame with 1000mm rollers
	non-separated (w/o pit) frame, track width 3000mm
	non-separated (w/o pit) frame, track width 3100mm
	non-separated (w/o pit) frame, track width 3200mm



Weight sensor

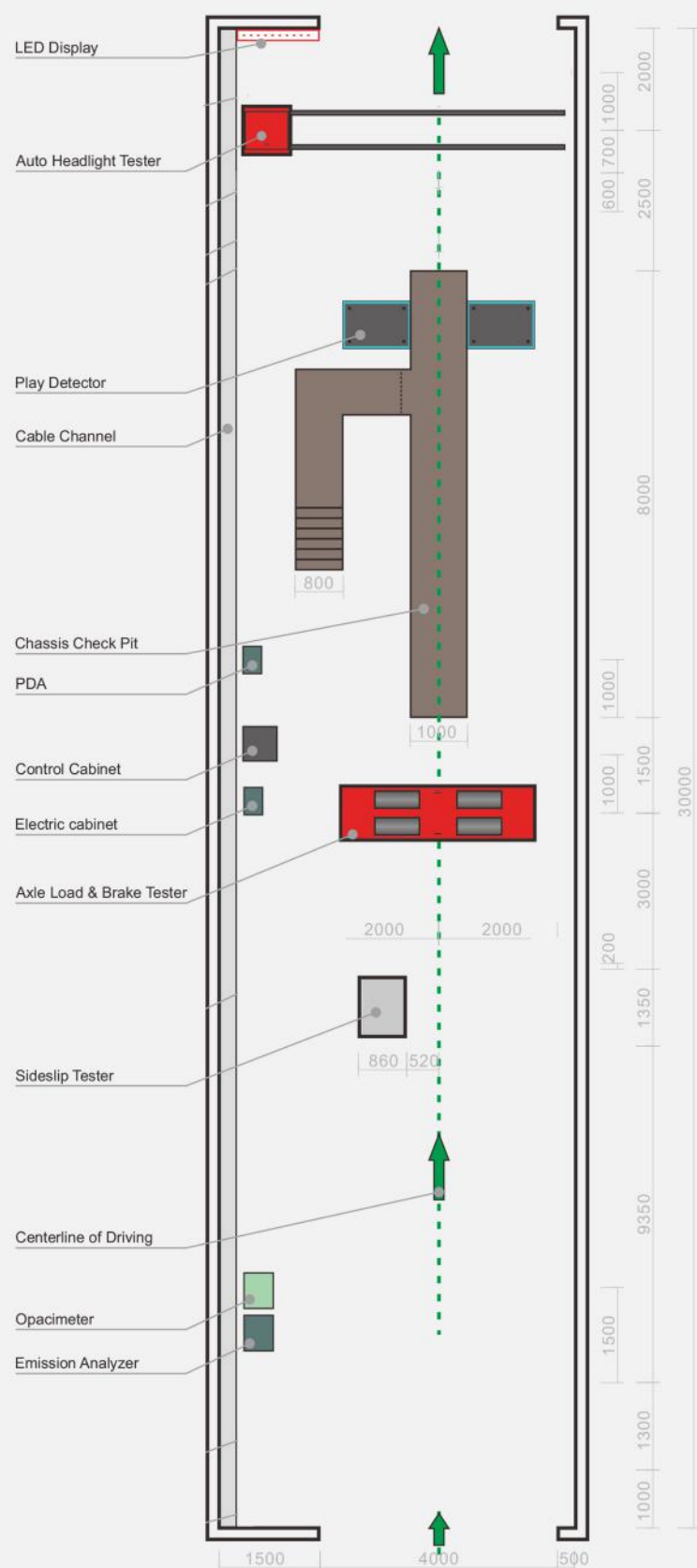


Roller chain

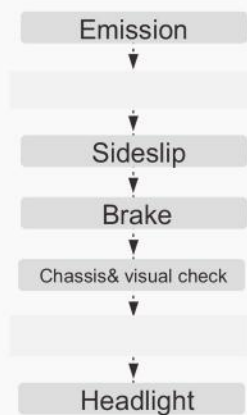


Roller cover plate

Single Stage Heavy Duty Testlane Layout (A1)



The Process is briefly described as follows



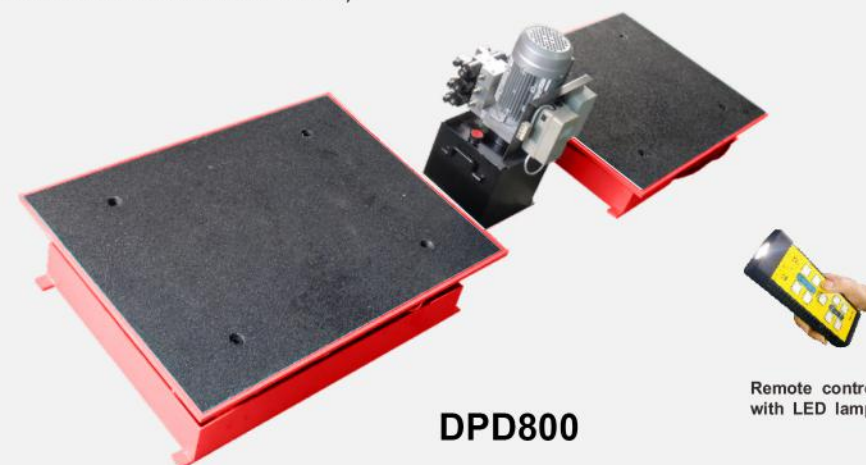
Note :

This layout is a planning example for a test lane and for reference only. Layout drawing can be modified according to the specific situation.

Wheel Play Detector

Description:

The wheel play detector equipped with two moving plate, is assisted to verify the joint play condition in a vehicle chassis. The play detector is made by three parts: 2x moving plates, hydraulic system and electric control system (with handheld remote & torch).



Features:

- ✓ Different movements of the plates are available.
- ✓ Hydraulic unit increases user convenience.
- ✓ Extra heavy duty structure, robust and lower noise design.

Technical Data:

Item	DPD600	DPD800
Plate dimensions	1000 x 750 mm	1000 x 750 mm
Maximum displacement of plate	100 x 100 mm	100 x 100 mm
Maximum axle load	15000 kg	15000 kg
Maximum wheel load	7500 kg	7500 kg
Movement direction	6 directions (Left Plate: front / rear & left / right, Right Plate: front / rear)	8 directions (Both left and right plate has 4-direction movement)
Max. displacement force of platenControl	30 kN	40 kN @130m/s
Power supply to control unit	Individually per platform	Individually per platform
Motor Power	3PH,380V, 50Hz, ground	3PH, 380V, 50Hz, ground
	2.2 kw	4.0 kw