

12PSB EURO II MECHANICAL DIESEL PUMP TEST BENCH

(Standard configuration 11KW 380V)



1. Machine size (length*width*height): 198*98*156 cm
2. Packaging size (length*width*height): 203*110*173 cm

12PSB/MINI12PSB TECHNICAL PARAMETERS

12PSB/MINI12PSB difference:

Cylinder---12PSB:12 cylinders;MINI12PSB:8 cylinders/6 cylinders

Power---12PSB:11/15/18.5/22KW;MINI12PSB:7.5/11KW

No	Items	Parametr
1	Voltage:	220V 1 phase/220V 3 phase/ 380V 3 phase(or on request)
2	12PSB Power out put:	11/15/18.5/22KW
3	MINI12PSB Power out put:	7.5/11KW
4	Motor:	AC motor
5	Transmisson :	Converter
6	Speed range(rpm):	0~4000
7	Shaft high(mm):	125
8	Number of cylinders :	12/8
9	Number of prestting programmer of speed:	10
10	Test oil temperature:	40±2°C
11	Strokes counting:	50~9999
12	Feeding pumps motor:	1.1KW
13	Standard injector:	ZS12SJ1
14	Volume of test oil tank (L):	40
15	Small graduated cylinder(ml):	45
16	Large graduated cylinder(ml):	150
17	Flower meter:	LZB-10
18	DC power supply:	12/24V
19	High pressure of feeding test oil:	>4Mpa
20	Low pressure of feeding test oil:	>0.4Mpa
21	Pressure gague for VE pump:	0~1.6Mpa
22	12PSB test bench size/weight (m/kg):	(L*W*H):1.98*0.98*1.56 /650kg
23	12PSB packaging size/weight (m/kg):	(L*W*H):2.03*1.10*1.73 /710kg
24	MINI12PSB test bench size/weight (m/kg):	(L*W*H):1.45*1.01*1.58 /600kg
25	MINI12PSB packaging size/weight (m/kg):	(L*W*H):1.50*1.07*1.83 /648kg

12PSB PRODUCT DETAILS



Distribution panel



Instrument panel



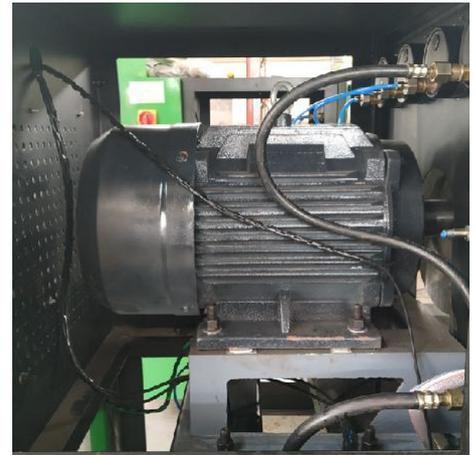
Pump



Compression pump



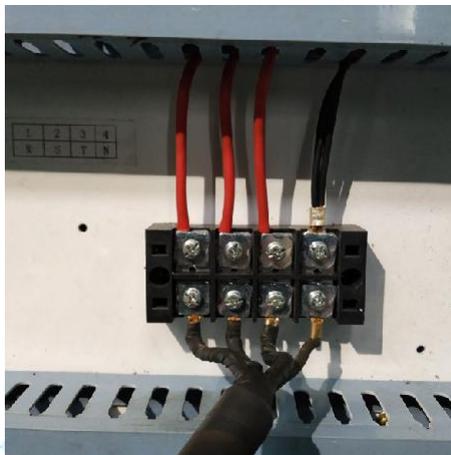
Frequency converter



Motor



Control Panel



Binding post



Oil collection tank

12PSB MAIN FUNCTION

1. Measurement of each cylinder delivery at any speed.
2. Test point and interval angle of oil supply of injection pump.
3. Checking and adjust the mechanical governor.
4. Checking and adjusting the distributor pump.
5. .Experiment and adjusting of behavior of supercharging and compensatory device.
6. Measurement of oil return of distributing pump.
7. Testing of the electromagnetic valve of distributor pump.(12V/24V)
8. Measurement of the internal pressure of distributor pump.
9. Checking of the advance angle of advance device.
(on request)
10. Checking the sealing of injection pump body
11. Install tube of auto-sucking oil supply can check on oil supply pump.(including VE pump)
12. Checking the travel of stroke.(on request)

12PSB ADDITIONAL FEATURES

1. Slope Control Panel



2. Add VE pump return oil flow meter (yellow box)



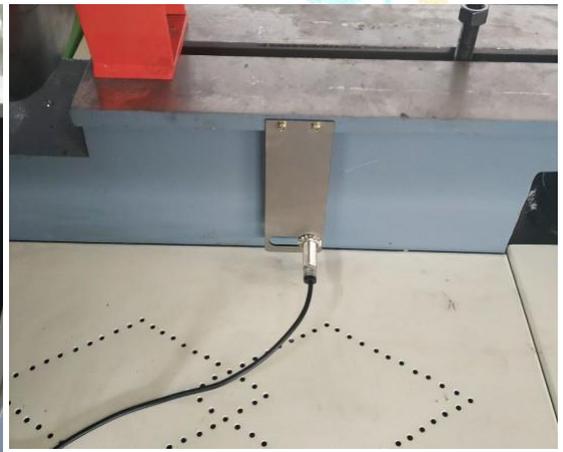
3. Forced cooling Refrigerant: R22



4. Oil lubrication



5. Advance angle



6. Gear rod travel



7. Gas pump with gas storage function



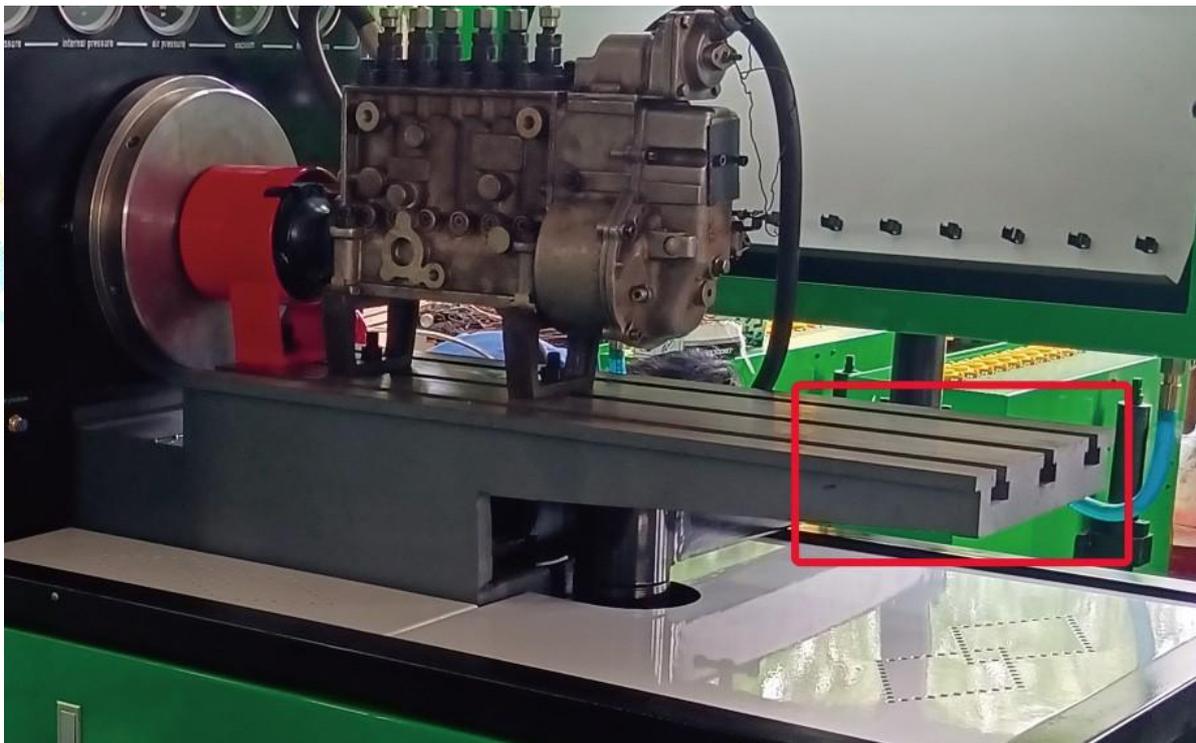
8. LS (LG) frequency converter



9. Electromagnet

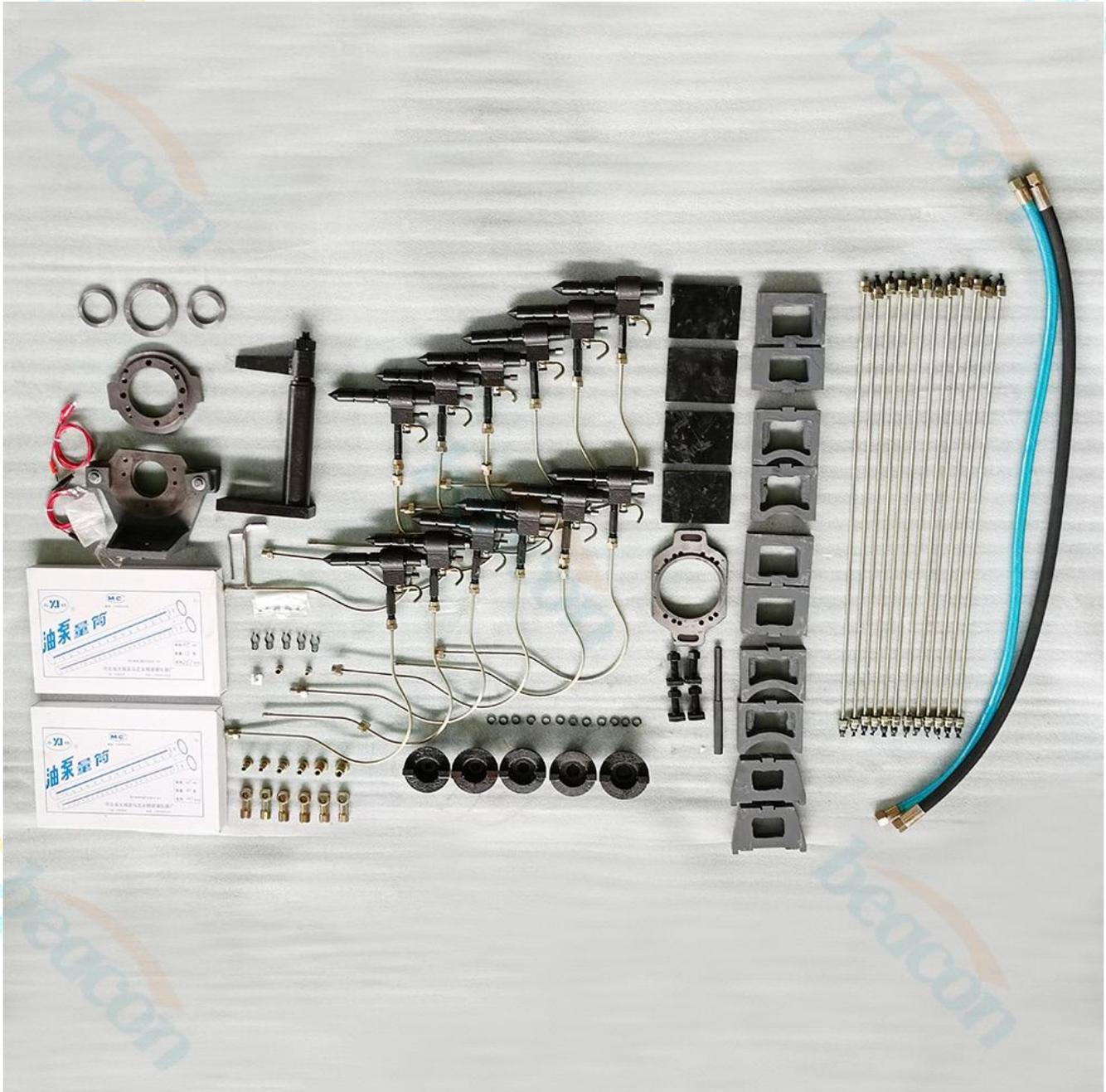


10. Three-slot workbench





12PSB ACCESSORIES DIAGRAM



MINI12PSB EURO II MECHANICAL DIESEL PUMP TEST BENCH

(Standard configuration 7.5/11KW 380V)



1. Machine size (length*width*height): 145*1.01*158 cm
2. Packaging size (length*width*height): 150*107*183 cm

MINI12PSB PRODUCT DETAILS



Distribution panel



Oil collection tank



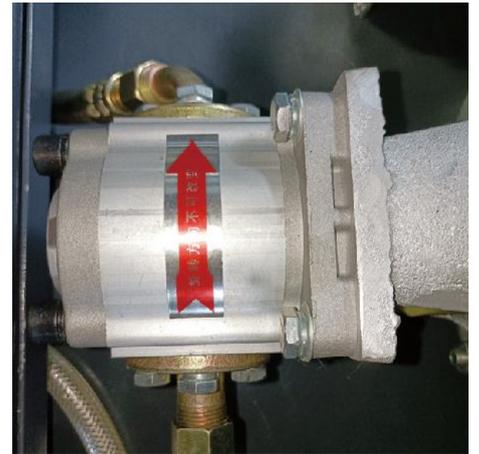
Instrument panel



Tank



Oil line



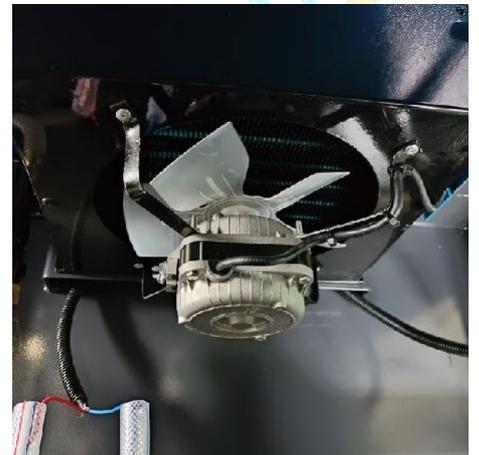
Pump



Control Panel



Air pump



Cooling fan

MINI12PSB MAIN FUNCTION

- 1.Measurement of each cylinder delivery at any speed.**
- 2.Test point and interval angle of oil supply of injection pump.**
- 3.Checking and adjust the mechanical governor.**
- 4.Checking and adjusting the distributor pump.**
- 5.Experiment and adjusting of behavior of supercharging and compensatory device.**
- 6.Measurement of oil return of distributing pump.**
- 7.Testing of the electromagnetic valve of distributor pump.(12V/24V)**
- 8.Measurement of the internal pressure of distributor pump.**
- 9.Checking of the advance angle of advance device.
(on request)**
- 10.Checking the sealing of injection pump body.**
- 11.Install tube of auto-sucking oil supply can check on oil supply pump.(including VE pump)**

MINI12PSB ADDITIONAL FEATURES

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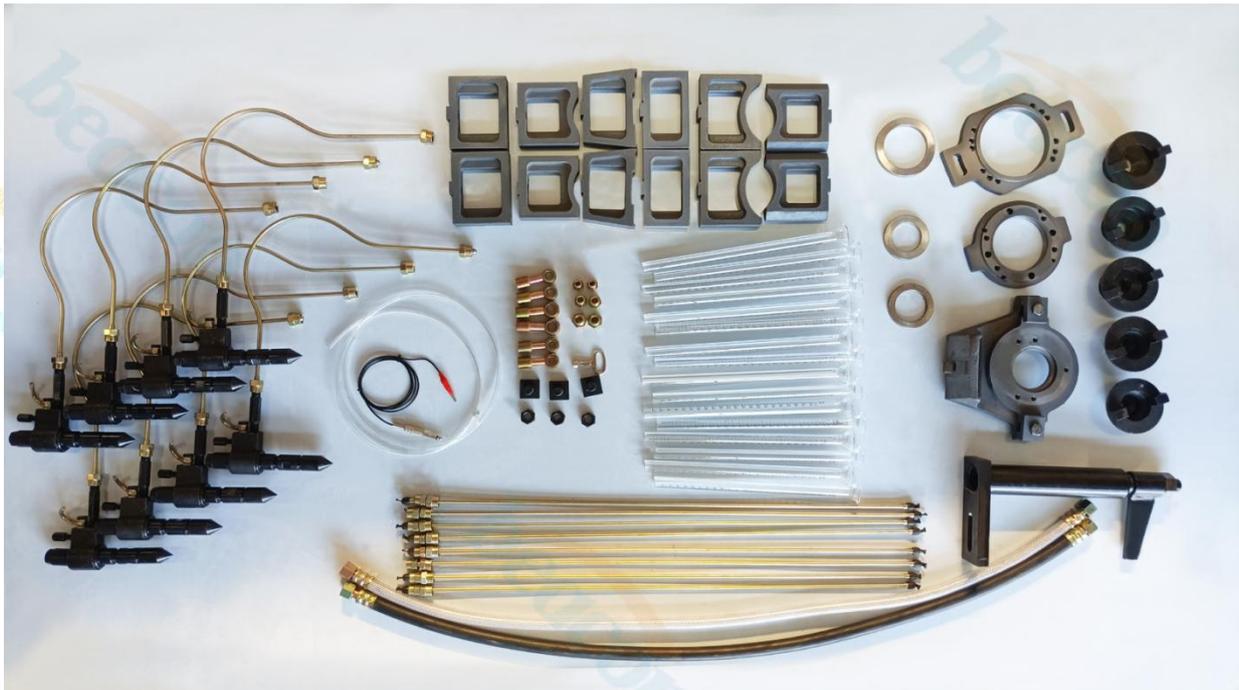
9. Electromagnet



MINI12PSB ACCESSORIES DIAGRAM



- 6 cylinder accessories diagram -



- 8 cylinder accessories diagram -

12PSB/MINI12PSB PACKING FOR DELIVERY PLYWOOD CASE PACKAGING



Finished product



Wrapping machine



Plywood case packaging



Shipping

DELIVERY TIME WARRANTY PERIOD

1. Machine delivery time

2-3 weeks

2. Warranty period

2.1 One-year warranty + lifetime technical support.

2.2 If non-human damage occurs within one year, accessories will be replaced free of charge.

2.3 If there is any man-made damage, the accessories will be replaced at the ex-factory price.