Original **OFFER SHEET**

WEW-300D Computer Display Hydraulic Universal Testing Machine

Brief Introduction: WEW-300D computer display hydraulic manual control universal testing machine is mainly used to execute the tension, compression, bending, flexural etc. test for metal materials. Attached with simple accessories and devices, it can be used to test wood, concrete, cement, rubber, and so on.It is very suitable for making test to different metal or nonmetal materials under high toughness and hardness against extreme big loading force.
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Standards: In accordance with or exceed the requirements of the ISO6892.

D Type Load Frame: The oil cylinder is at the bottom of the load frame. Tension space is at the upside and compression & bending spaces are between lower crosshead and working table. It is adopting oil hydraulic power to push the piston in the oil cylinder to provide loading force. The lower crosshead is driven by motor through decelerator, chain transmission device and screw pair to realize the adjustment of testing space.

Measuring System: The machine adopts oil pressure transducer to measure load and use photoelectric encoder to measure the displacement. The computer is timely collecting the testing parameters like loading force, stroke etc.Our Winwew software based on Windows system is able to display the load, load peak value, deformation, testing curves etc. very easily, and can make automatic calculating of test results, i.e. tensile strength, up / low yield strength, Non proportional stress point etc. Report creation function makes it is very simple to make testing report in your needed format.

Applications: It is widely used in different steel works,engineering areas,quality control department, universities and institutes as well as other areas and works.

Features:

- ◆ Full computer displayed of testing process.
- ◆ Manual loading speed will meet your appropriate testing speed.
- ◆ Stable and reliable high intensity 2 columns and 2 reeling screw columns structure load frame.
- ◆ Adopt oil-hydraulic automatic clamping which can be operated by separate control box.
- ◆ Timely display software will provide accurate record of testing process.
- ◆ Report guide will create your testing report very easily.
- ◆ Overload protection will secure operators.

Common sense: **The differences between WAW, WEW and WE series testing machines**

WAW Series is computer controlled servo hydraulic universal testing machine. The space adjusting, & test processes could be controlled by the software and the test result could be transferred to the software in the computer for further analysis. It is the most advanced series in hydraulic universal testing machines.

WEW Series is computer display manual control hydraulic universal testing machine. The space adjusting & force loading could be executed by manual control. The test result could also be transferred to the software for further analysis.

WE Series is pendulum dynamometer display manual control universal testing machine. The space adjusting & force loading could be executed by manual control, and the test result could be shown through dynamometer.

Original **O F F E R S H E E T**

	Specification	WEW-300D
	Max. capacity (KN)	: 300
	Measuring range	: 2%-100% of FS
	Relative error of reading	: ≤±1%
	Clamping method	: Hydraulic clamping
	Round specimen clamping range(mm):	: Φ10-Φ32
	Flat specimen clamping range(mm):	: 0-15
	Flat specimen clamping width(mm)	: 80
	Max. tension test space (mm)	: 650
	Max. compression test space (mm)	: 550
	Control cabinet dimensions (mm)	: 610*700*1100
	Load frame dimensions (including piston stroke) (mm)	: 840*620*2210
	Motor power (KW)	: 2.1
	Load frame weight (KG)	: 1600
	Column net distance (mm)	: 520
	Compression platen size (mm)	: Φ160
	Span of bending roller (mm)	: 240
	Width of bending roller (mm)	: 140
	Allowable camber (mm)	: 100
	Shearing specimen diameter (mm)	: Φ10
	Max. piston stroke (mm)	: 200
	Piston max. speed (mm/min)	: Approx. 70
	Crosshead max. speed (mm/min)	: Approx 160

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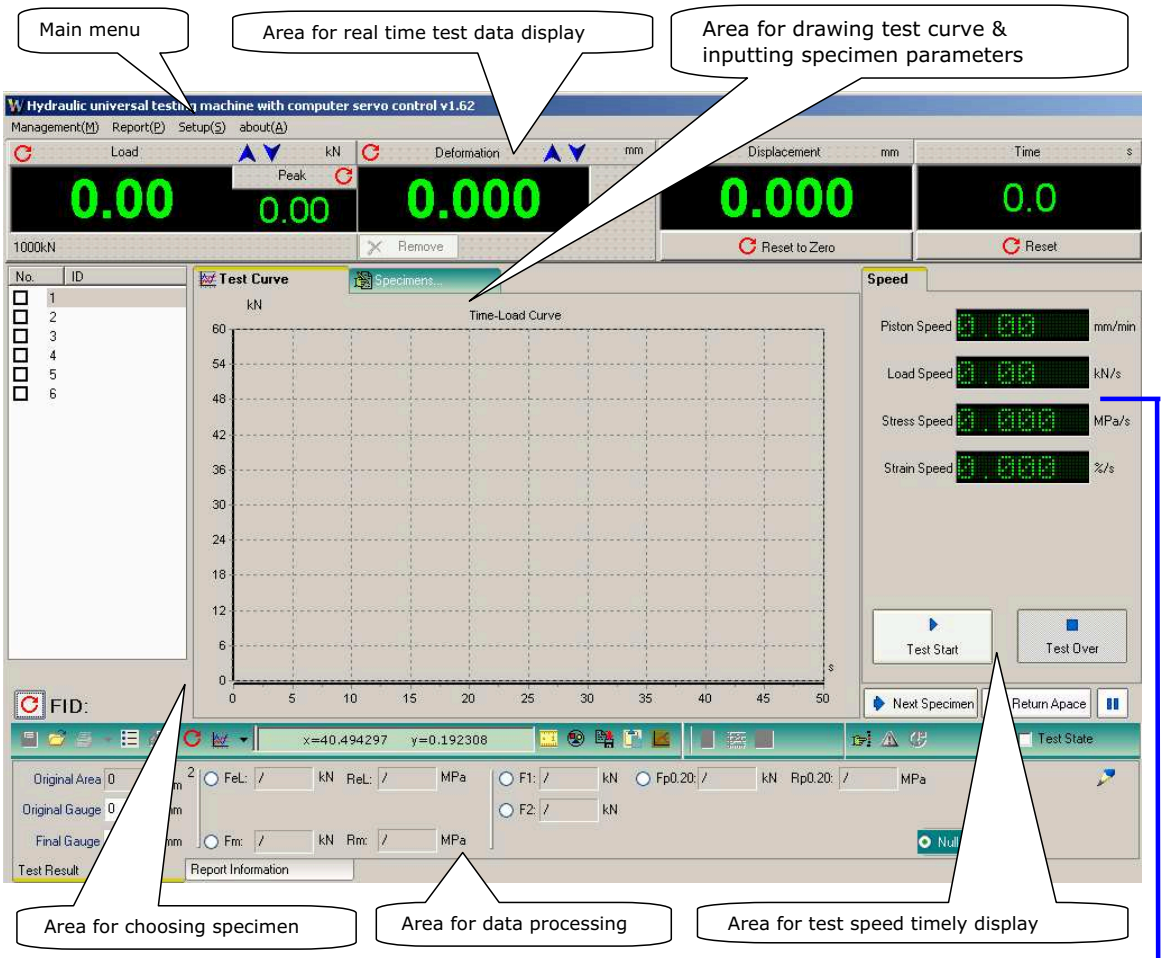
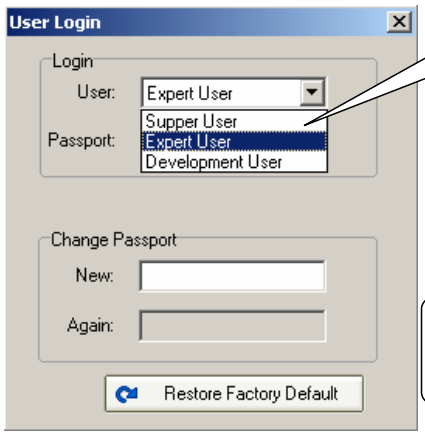
Introduction of WEW Series Software

1 Softwate Main Interface

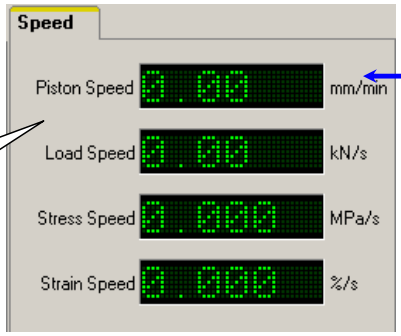


2 Multilevel authorization access



Multilevel authorization access to guarantee the safety use of software

3 Timely display



Piston speed, load speed, stress speed and strain speed timely display.

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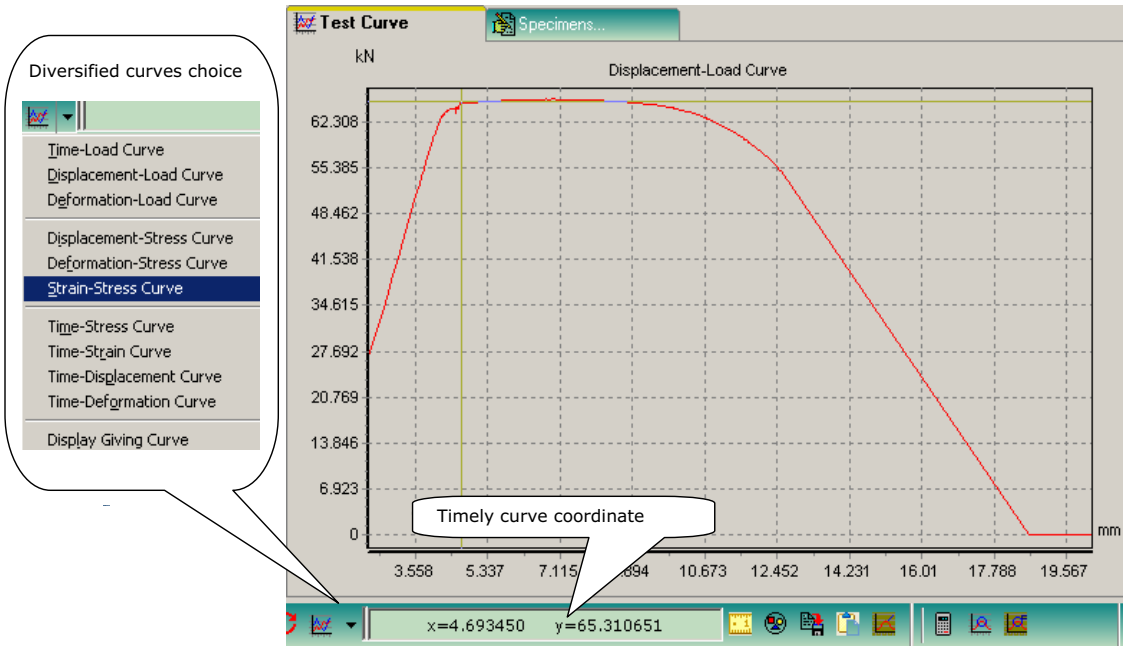
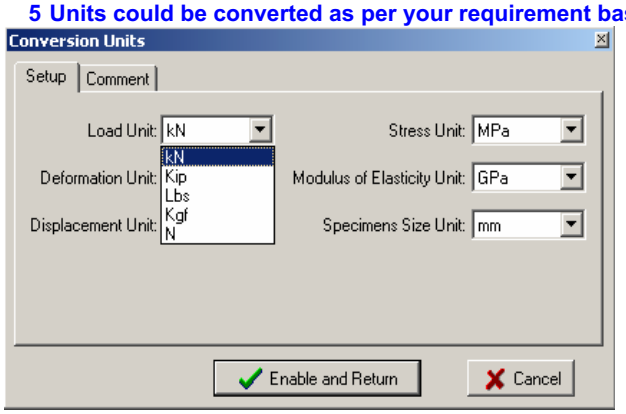
Introduction of WEW Series Software

4 Curves switching option

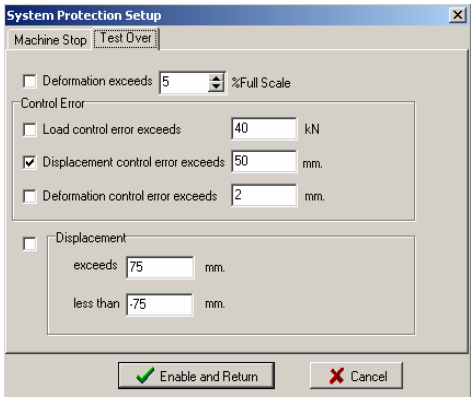


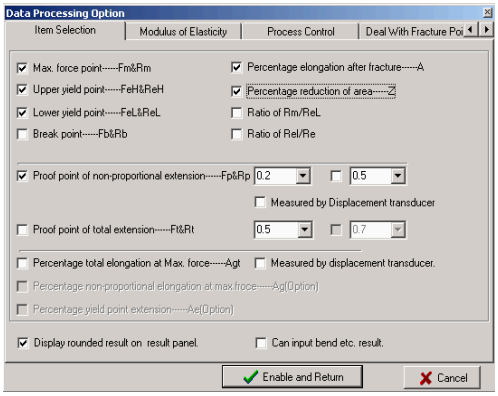
5 Units could be converted as per your requirement based on International System of Units



Load Unit: kN, Kip, Lbs, Kgf, N
Deformation Unit: mm, inch
Displacement Unit: mm, inch
Stress Unit: MPa, Psi, Kgf/sc
Modulus Elasticity Unit: GPa, Ksi
Specimens Size Unit: mm, inch

6 Over load protection and stop condition setting





7 International standard test results process method input

For more functions, please enquiry our sales manager.

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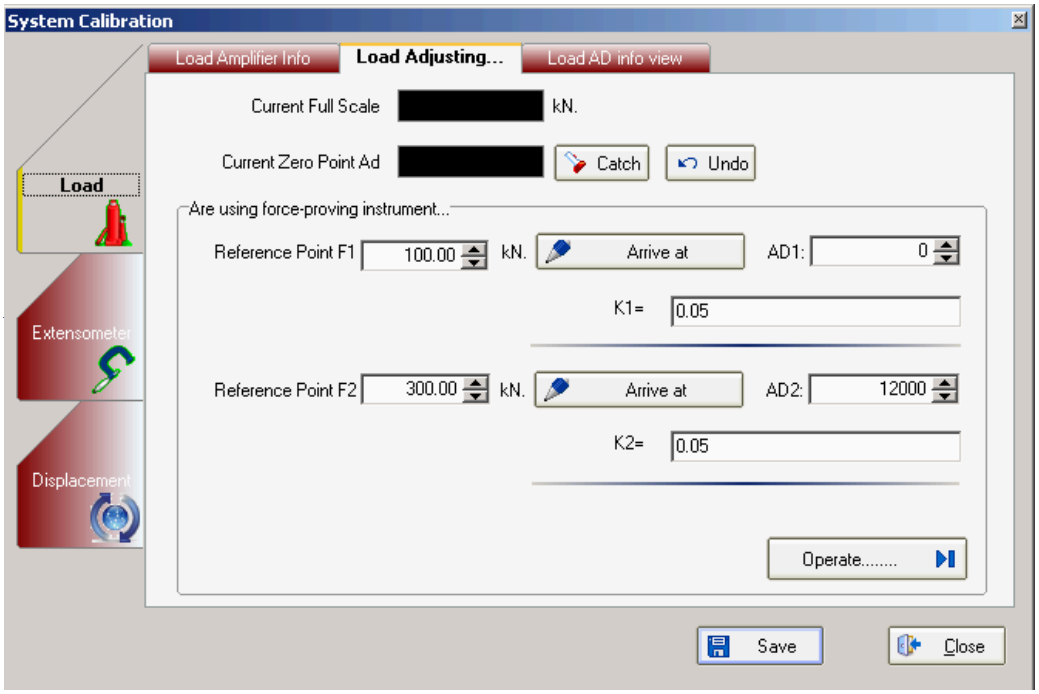
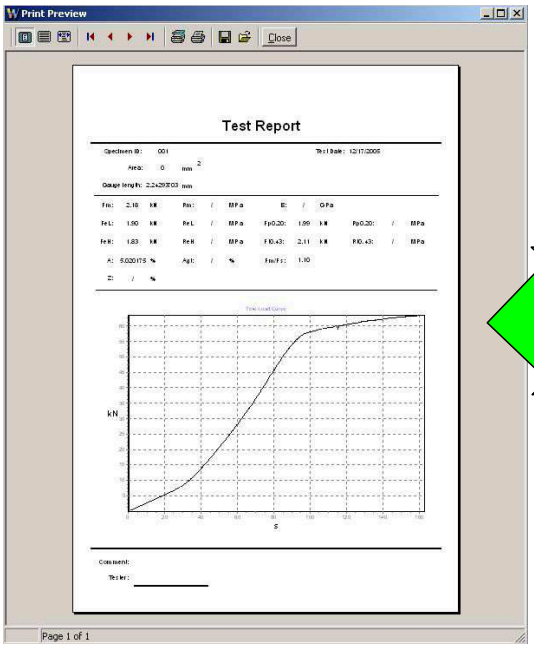
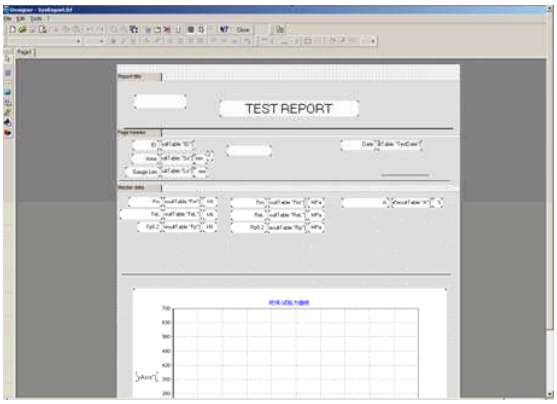
Introduction of WEW Series Software

8 Easy software calibration



9 Firendly test report





Customazation of test report

The test report could be customized as per your requirements and be transferred to Excel easily for further analysis.

ISO9001 International Quality Certificate

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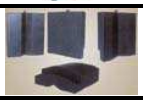
Standard accessories of WEW-300D UTM

	Content	QTY	Picture
	Loadframe Two supporting columns and two leading screws structure. High intensity testing machine structure and crosshead, high stiffness to assure accuracy;	1 set	
	Control cabinet Manually control the inlet and outlet oil valves through two handwheels to control the oil quantity to apply load on specimen	1 set	
	Clamping jaws Jaws for round specimen: Φ 10-Φ 20mm,Φ 20-Φ 32mm Jaws for flat specimen: 0-15mm	 Each 1 set Each 1 set	
	Compression test attachment Dimension: Φ 160 mm	1 set	
	Bending test attachment Span: 240mm Wideth of roller: 140mm Allowable camber (mm): 100mm	1 set	
	Tool kit Screw, Spanner, Socket Board etc.	1 set	
	Extensometer YYU-10/50 Standard gauge: 50mm Deformation: 10mm	1 set	
	Photoelectric encoder	1 pc	
	Oil transducer Model: CYB-12SA	1 pc	
	Data-processing system TIME WINWAW Software	1 set	
	Industry computer (Lenovo Brand) Intel Pentium E2200/Core 2 Duo 2.2G/ 1 G memory 160G Hard disk/ DVD-ROM/17" LCD screen	1 set	
	Laser Printer	1 set	
	Computer desk		
	Note: Pictures is for reference only. Please make the objects as standard.		

Export Department of Testing Machine, TIME Group, Inc.

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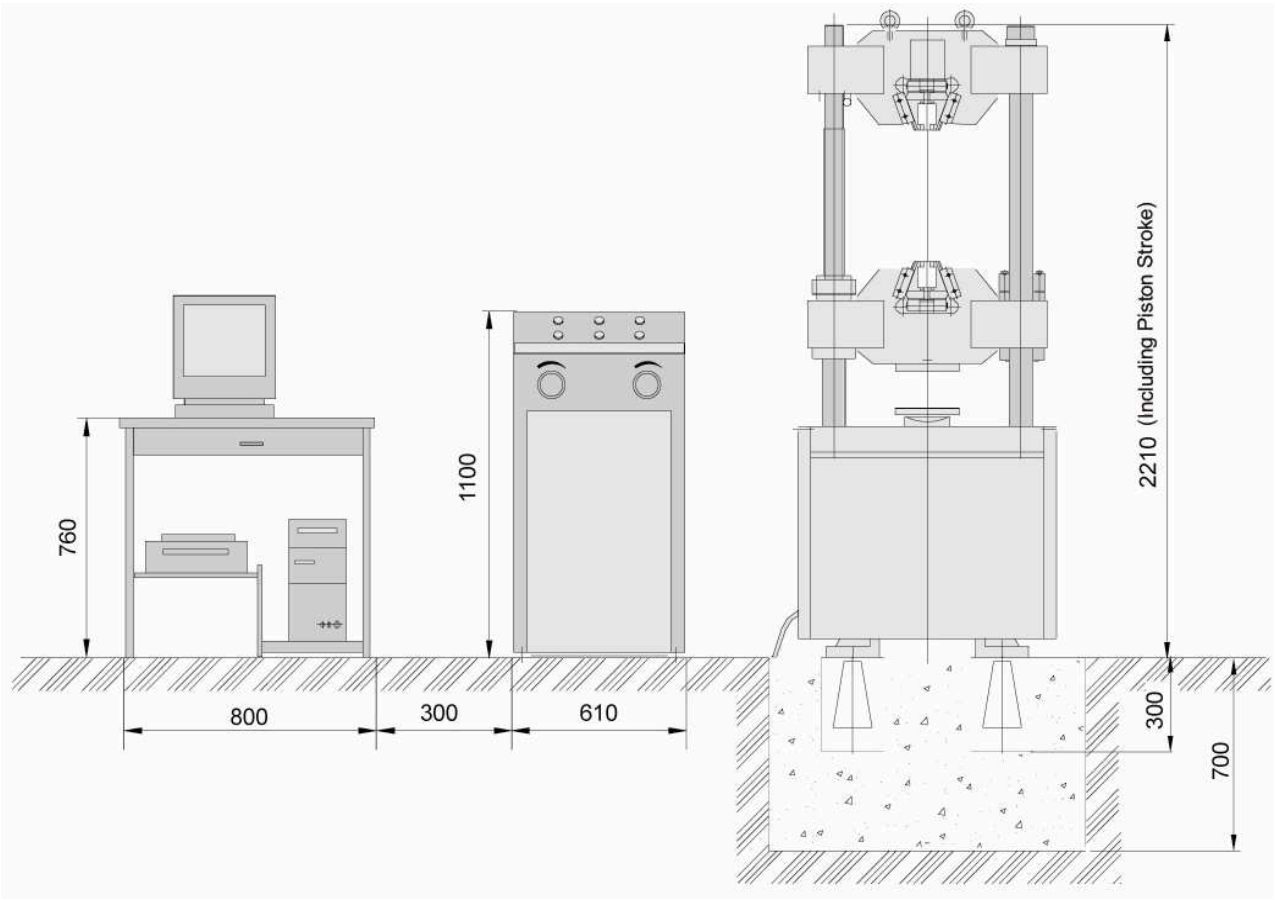
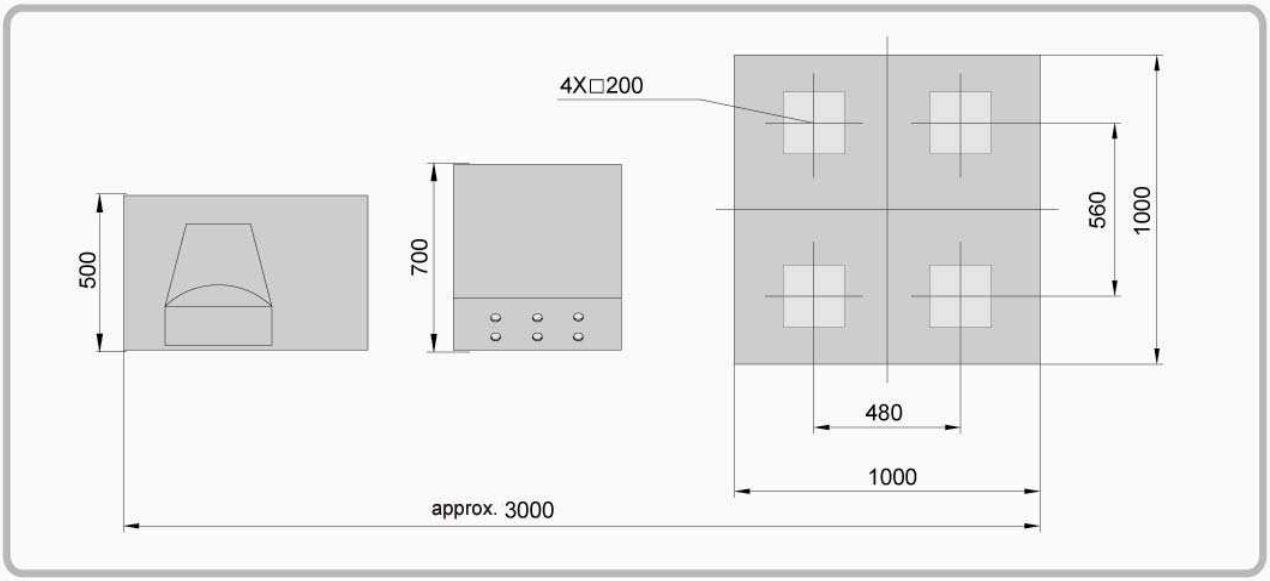
DIMENSION & FOUNDATION





(Unit: mm)

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Shipping Packages

Package Material: In fumigated wooden cases.
Be suitable for export delivery.

Wooden case 01

Content:	Load Frame
Net weight:	1700kg
Gross eight:	2000kg
Dimension:	2200x1200x960 (mm)
CBM:	2.53 m^3

Wooden case 02

Content:	Control Part
Net weight:	700kg
Gross eight:	800kg
Dimension:	1500 x 1120 x 1400 (mm)
CBM:	2.35 m^3

Total

Quantity	Two wooden cases
Total Gross Weight	2800kg
Total CBM	4.88 m3

*The above weights & dimensions are just for your reference.

The final weights & dimensions should be subject to the delivery.