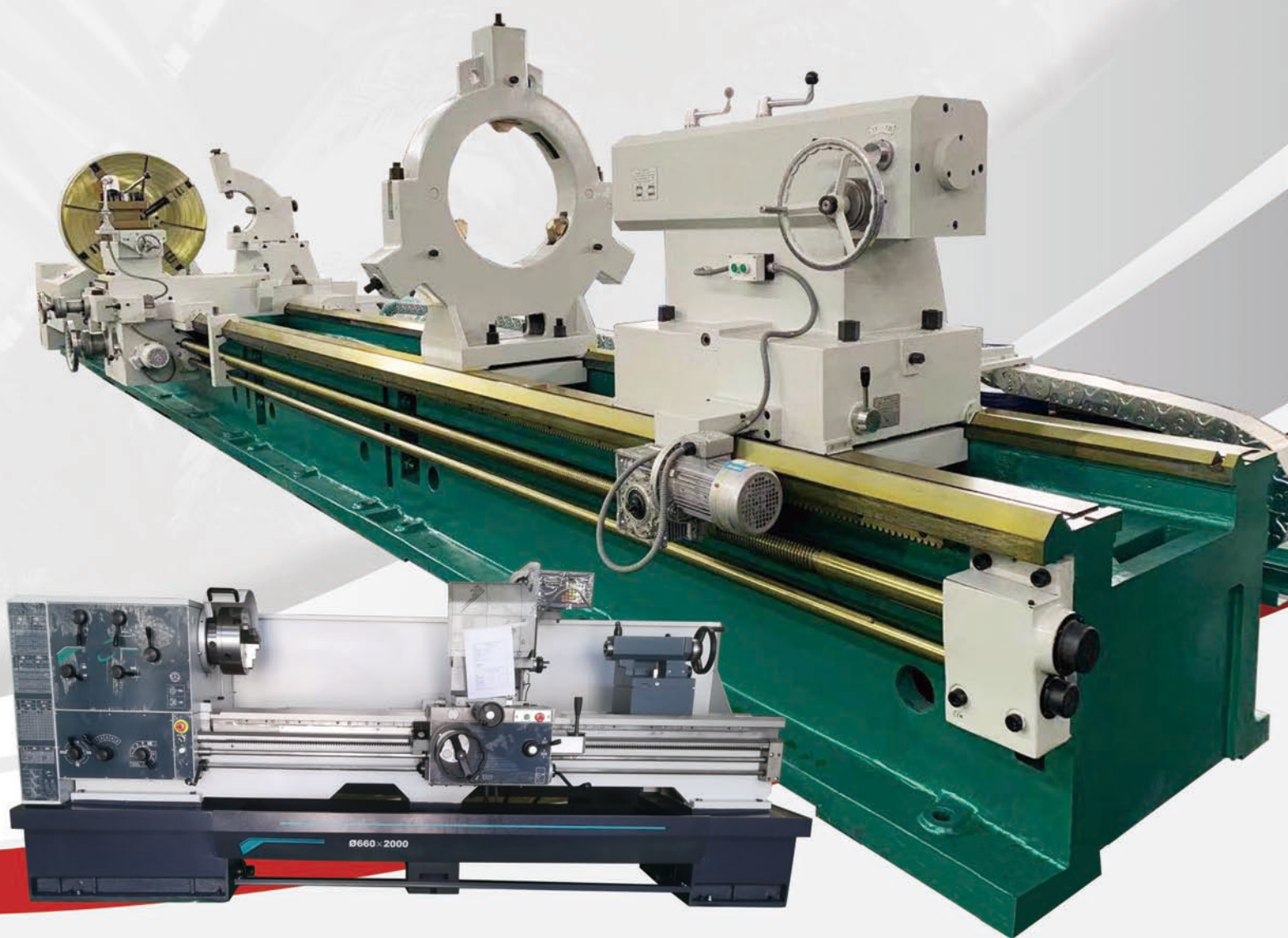


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DALIAN DAHUI MACHINE TOOL CO.,LTD

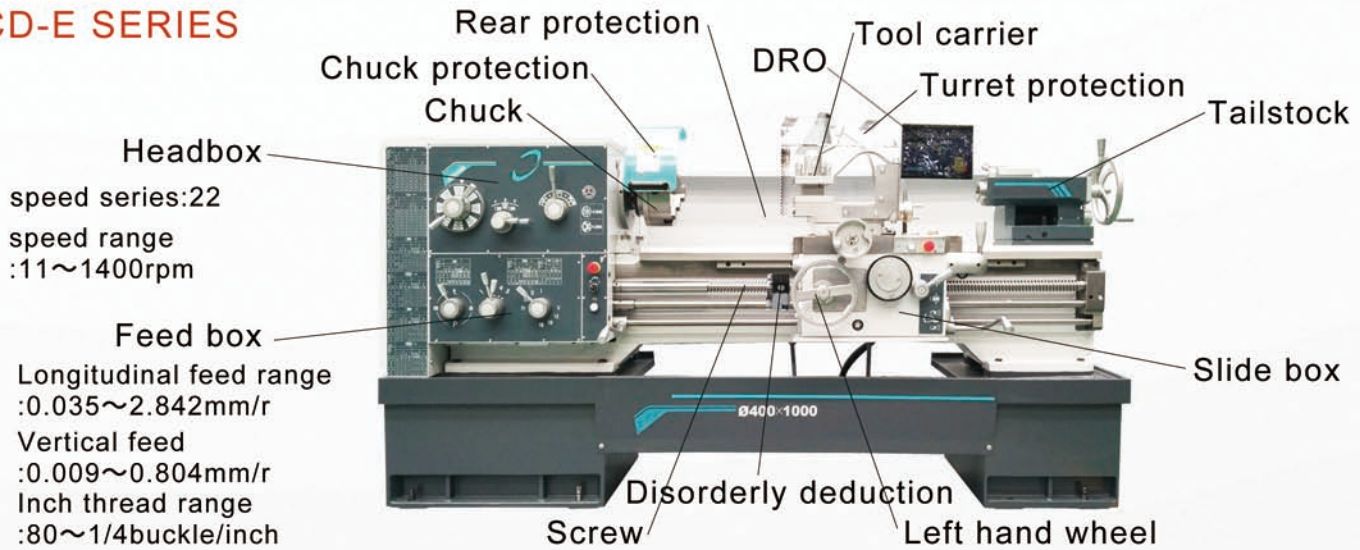


Lathe Machine

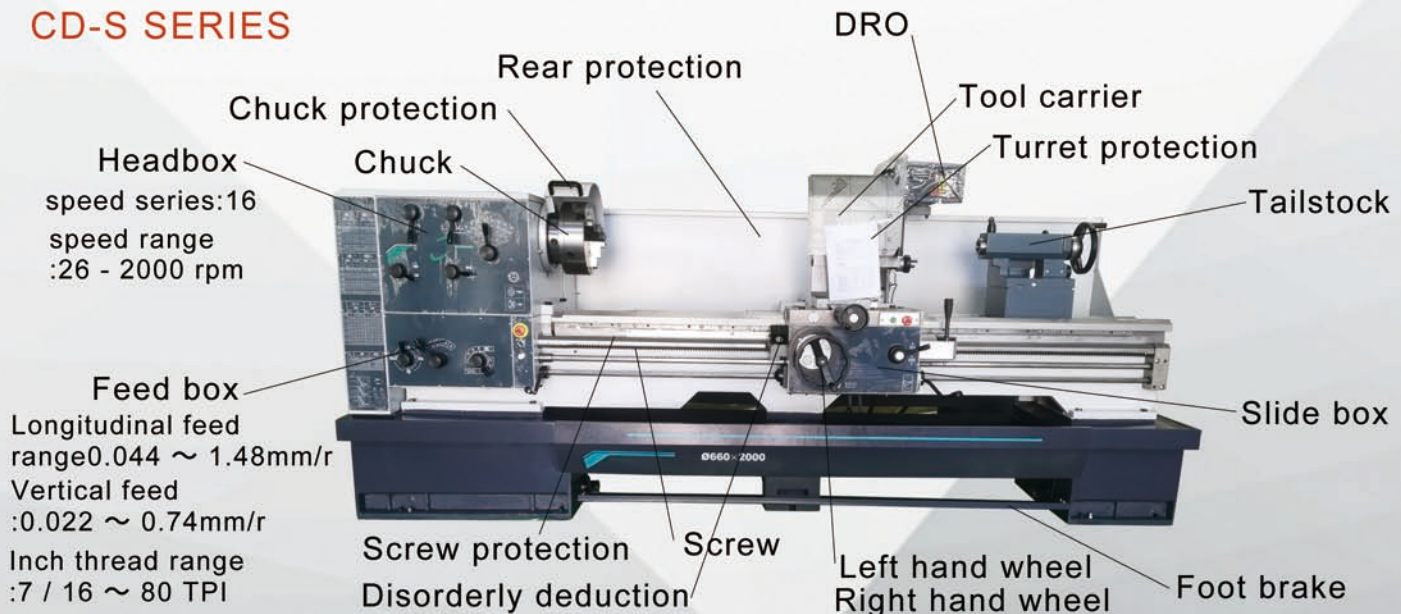


HORIZONTAL LATHE MACHINE

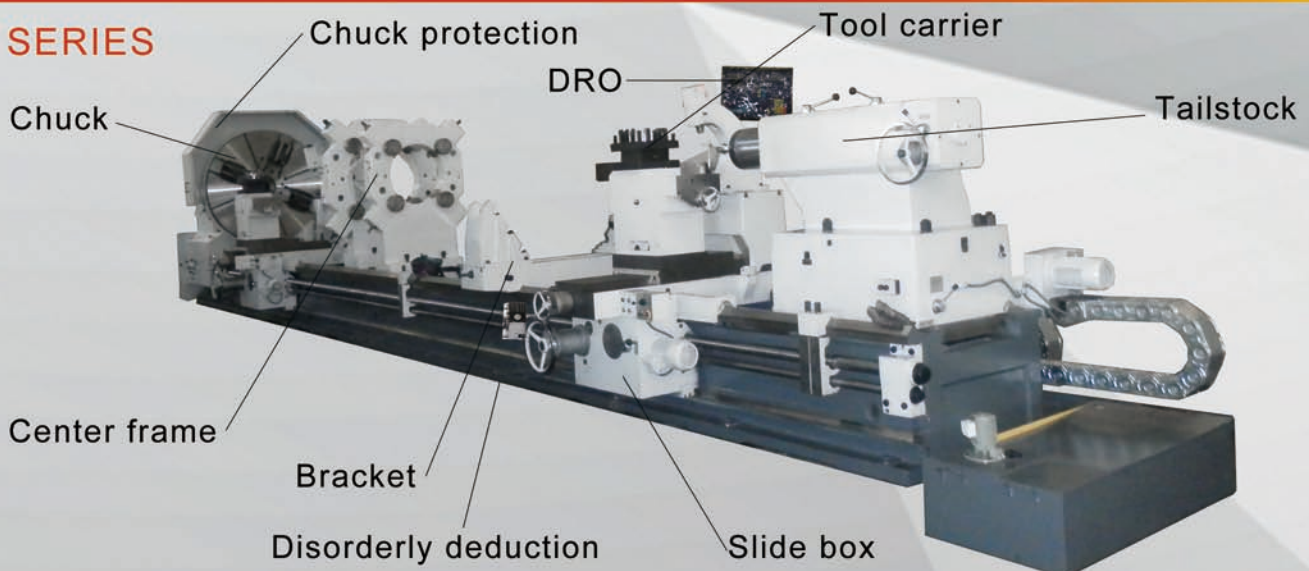
CD-E SERIES



CD-S SERIES



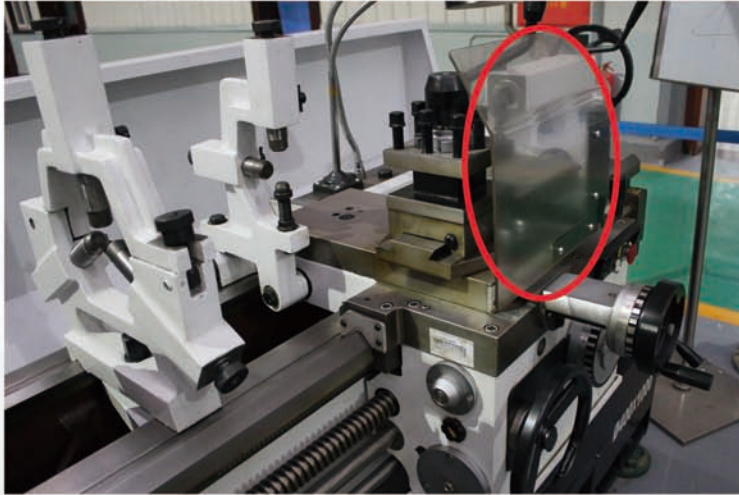
CW SERIES



HORIZONTAL LATHE MACHINE



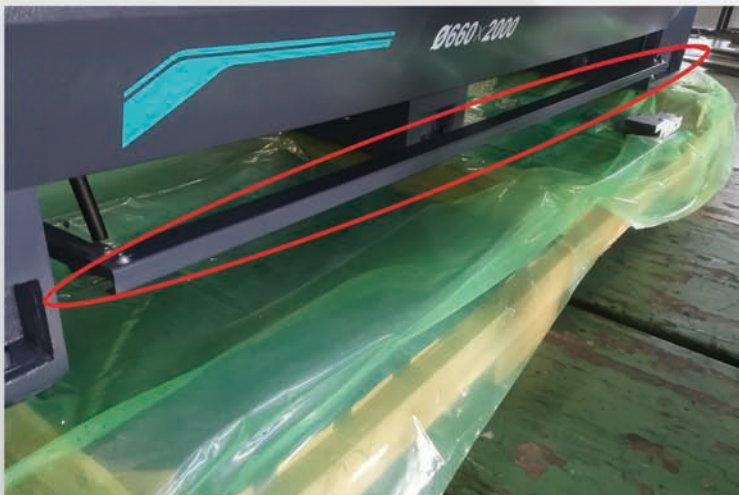
DETAILED IMAGES



Tool holder protection
Prevent iron filings from splashing to protect operators



Rear protection
Prevent cooling water splashing and iron filings collection



Foot brake
Braking system for easy operation

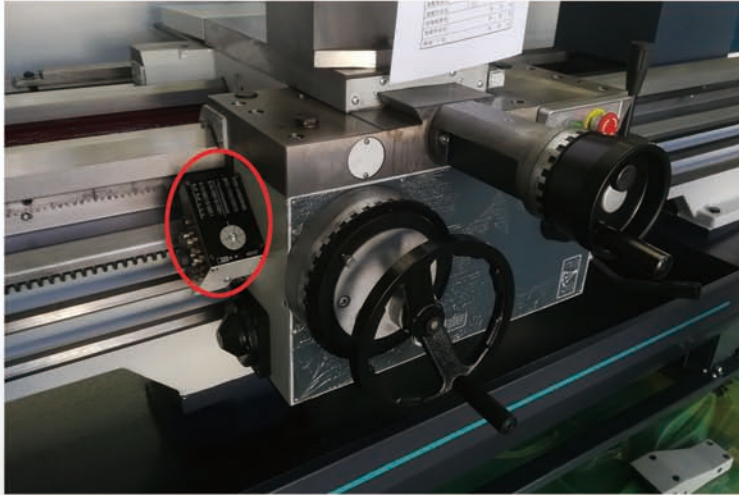


Chuck protection
When the protection is closed, the machine runs. When the protection is open, the machine stops.

HORIZONTAL LATHE MACHINE



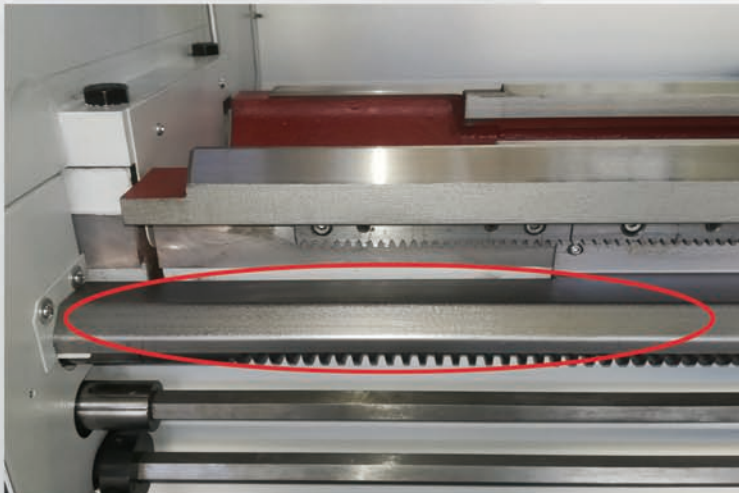
DETAILED IMAGES



Threading dial
Can process various specifications of inch threads



Digital display (DRO)
X-axis Y-axis travel is equipped with digital display (precision 0.001)



Screw protection
Protect the lead screw to prevent iron filings from winding the lead screw



Dimensional modeling
When the workpiece has different taper, it plays the role of X-axis guidance

HORIZONTAL LATHE MACHINE



CW-M SERIES DETAILED IMAGES



Chuck protection and four-jaw chuck
Prevent machine tool operators from being injured and equipment damage



Center frame
Standard. Open center frame, stable workpiece rotation



Slide box and headstock
The main basic parts are integrally cast with resin sand, with artificial aging treatment and excellent stability of the whole machine

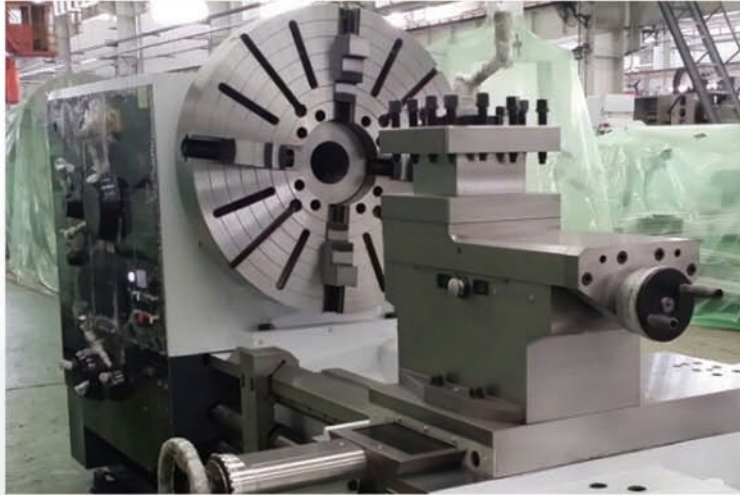


Spindle
The operation is convenient and flexible, the main shaft system adopts three-point support, the front and rear bearings have high precision, and the rigidity is strong. The braking and positive and negative changes of the main shaft are hydraulically controlled, and the braking is sensitive and reliable.

HORIZONTAL LATHE MACHINE

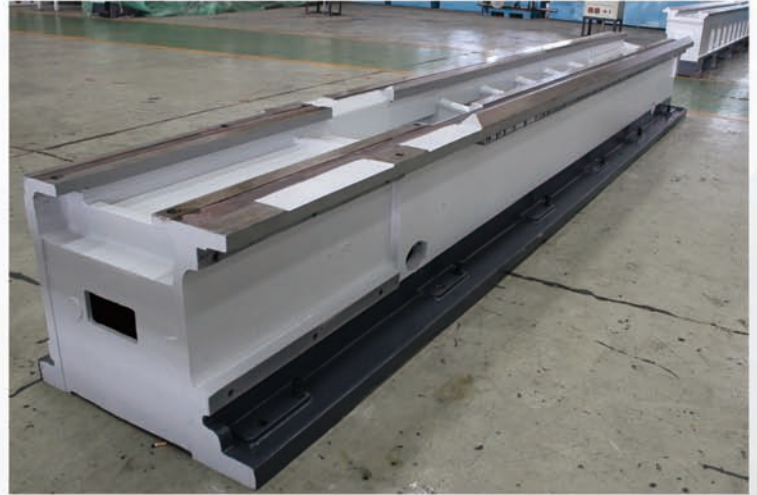


CW-M SERIES DETAILED IMAGES



Tool Holder

It can complete the inner and outer cylindrical surface, conical surface, end surface, grooving, chamfering, etc. of various shaft and disc parts



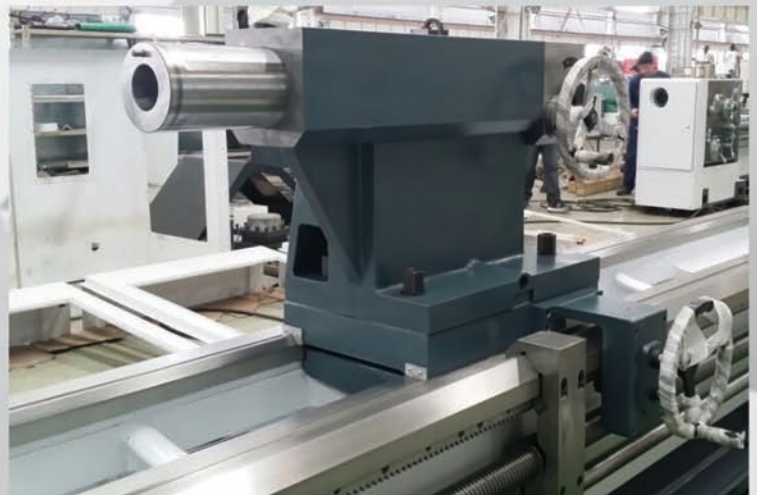
Machine Bed

The layout of the traditional horizontal lathe has an overall design, good rigidity, and meets safety standards.



Electric tailstock

Optional. The tailstock motor drive device is available for users to choose, especially the longer specifications, which reduces labor intensity and improves work efficiency.



Manual tailstock

Standard. Manual operation

HORIZONTAL LATHE MACHINE



EQUIPMENT PARAMETERS

| CDE Series Conventional lathe machine | | | | |
|---|-----------------|---------------------------------------|--|-----------------------|
| ITEMS | UNIT | CDE6140A/ CDE6240A | CDE6150A/ CDE6250A | CDE6166A/ CDE6266A |
| Max.swing over bed | mm | 400 (16 ") | 500 (20 ") | 660 (26 ") |
| Max.swing over carriage | mm | 220 (8 ⁵ / ₈ ") | 290 (11 ³ / ₈ ") | 430 (17 ") |
| Max.swing over gap (for CDE62 series) | mm | 700 (27.5 ") | 760 (30 ") | 910 (35 ") |
| Gap length(from spindle nose) | mm | 260 | | |
| Width of guide way | mm | 394 | | |
| Distance between centers | mm | 750/1000/1500/2000/3000 | | |
| Maximum torque of spindle | Nm | 1586 | | |
| Dia.of spindle bore | mm | 52 (φ50) | | |
| Inch thread range | buckle/ inch | 80~1/4 | | |
| Spindle speed | rpm | 11-1400 | | |
| Main motor power | kW | 7.5 | | |

| CW-E Series Conventional lathe machine | | | | |
|--|-----------------|--|--|---|
| ITEMS | UNIT | CW6163E/ CW6263E | CW6180E/ CW6280E | CW61100E/ CW62100E |
| Max.swing over bed | mm | 630 (26 ") | 800 (31 ¹ / ₂ ") | 1000 (40 ") |
| Max.swing over carriage | mm | 350 (13 ¹³ / ₁₆ ") | 480 (19 ") | 710 (28 ") |
| Max.swing over gap (for CW62 series) | mm | 800 (31 ¹ / ₂ ") | 1000 (40 ") | 1230 (48 ¹ / ₂ ") |
| Inch thread range | buckle/ inch | 28--1 | 14--1 | 28--1 |
| Dia.of spindle bore | mm | 100/105 | | |
| Maximum torque of spindle | Nm | 2400 | | |
| Gap length(from spindle nose) | mm | 350 | | |
| Width of guide way | mm | 550 | | |
| Distance between centers | mm | 1000/1500/2000/3000/4000/5000/6000 | | |
| Dia.of spindle bore | mm | 100/105/130 | | |
| Spindle speed | rpm | 7.5 ~ 1000eds | | |

HORIZONTAL LATHE MACHINE



EQUIPMENT PARAMETERS

| CDS Series Conventional lathe machine | | | | | |
|--|------|--|---------------------------------------|---------------------------------------|---------------------------------------|
| ITEMS | UNIT | CDS6140B/C CDS6240B/C | CDS6150B/C CDS6250B/C | CDS6156B/C CDS6256B/C | CDS6166B/C CDS6266B/C |
| Max.swing over bed | mm | 400(16 ") | 500(20 ") | 560(22 ") | 660(26 ") |
| Max.swing over carriage | mm | 230(9 ") | 290(11 ³ / ₈ ") | 350(13 ³ / ₄ ") | 440(17 ¹ / ₃ ") |
| Max.swing over gap (for CW62 series) | mm | 700(27 ¹ / ₂ ") | 760(30 ") | 800(31 ¹ / ₂ ") | 870(34 ¹ / ₄ ") |
| Gap length(from spindle nose) | mm | 280 | | | |
| Width of guide way | mm | 394 | | | |
| Distance between centers | mm | 750 (30 ") / 1000 (40 ") / 1500 (60 ") / 2000 (80 ") / 3000(120 ") | | | |
| Dia.of spindle bore | mm | 82 | | | |
| Dia.of spindle bore(CDS-B) | mm | 82(3 ¹ / ₄ ") | | | |
| Dia.of spindle bore(CDS-C) | mm | 105(4 ¹ / ₈ ") | | | |
| Spindle speed(CDS-B) | rpm | 26~2000 | | | |
| Spindle speed(CDS-C) | rpm | 26-1700 | | | |
| Main motor power | kW | 7.5 | | | |
| Maximum torque of spindle | Nm | 1100 | | | |
| Diameter of tip sleeve | mm | 75(2 ⁵ / ₁₆ ") | | | |
| Foot brake | | √ | | | |
| Slide box | | Right or Lift | | | |

| CW-M Series Conventional lathe machine | | | | | | | |
|--|------------------------------------|-----------------------|-----------------------|-----------------------|---------------------------------|-----------------------|-----------------------|
| ITEM | CW61100M/ CW62100M | CW61125M/ CW62125M | CW61140M/ CW62140M | CW61160M/ CW62160M | CW61180M/ CW62180M | CW61200M/ CW62200M | CW61250M/ CW62250M |
| Max.swing over bed | 1000mm | 1250mm | 1400mm | 1600mm | 1800mm | 2000mm | 2500mm |
| Max.swing over carriage | 630mm | 880mm | 1030mm | 1230mm | 1450mm | 1580mm | 2080mm |
| Max.swing over gap(for CW62 Series) | 1400mm | 1650mm | 1800mm | 2000mm | 2200mm | 2400mm | 2800mm |
| Bed load | 6/8t | | | | 10/16t | | |
| Width of guide way | 755mm/970mm | | | | | 1100mm | 1100mm |
| Dia.of spindle bore | 130mm | | | | | | |
| Diameter of tailstock sleeve | 160mm/6t-8t | | | | | | 200mm/10t-16t |
| Spindle speed | 3.15~315rpm | | | | 4.25-190r/min | | 2-200r/min |
| Section of tool shank | 45*45 | | | | | | |
| Main motor power | 22kW/30kW | | | | | | |
| Distance between centers | 1500/2000/3000/4000/5000/6000/8000 | | | | 4000/5000/6000/8000/10000/12000 | | |