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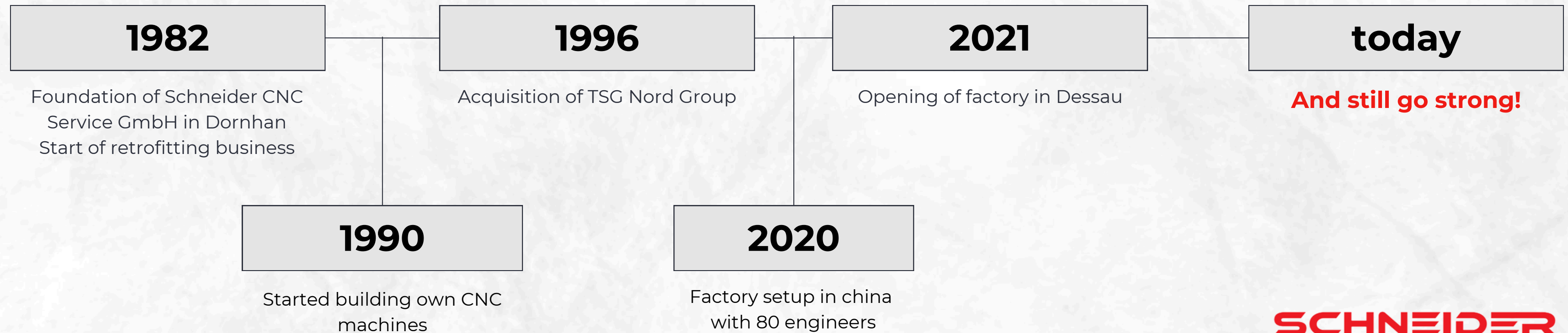
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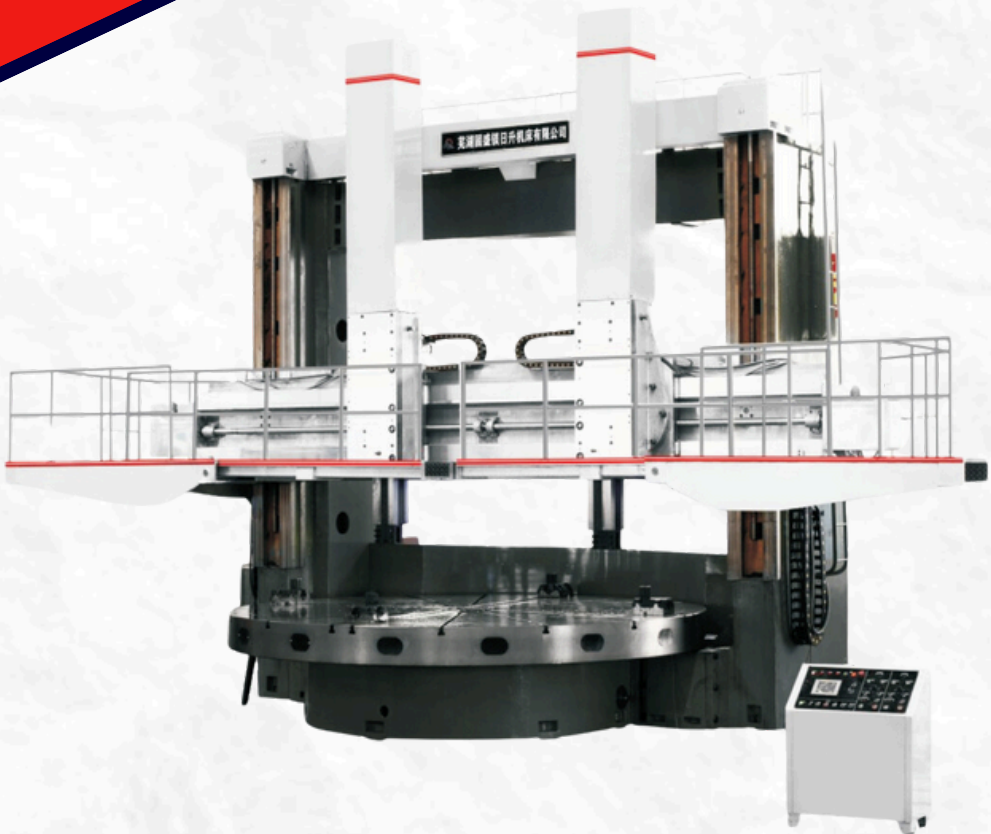
Our history



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CQ5235

Double column vertical lathe series



1

It can be used in machining the cylindrical surface, inner hole, end face, internal and external circular surface of workpiece, especially 30T workpiece.

2

Columns, guide way and the whole machine are widened. So the rigidity of whole machine is enhanced, especially when columns are lengthened for machining large size workpieces.

3

The table is driven by a frequency conversion motor shiftes by high and low speed, so the speed can be changed steplessly.

4

Feed motion: left and right tool posts are controlled by two servo motors via a drive to achieve rapid movement, feeding movement and stepless speed changing.

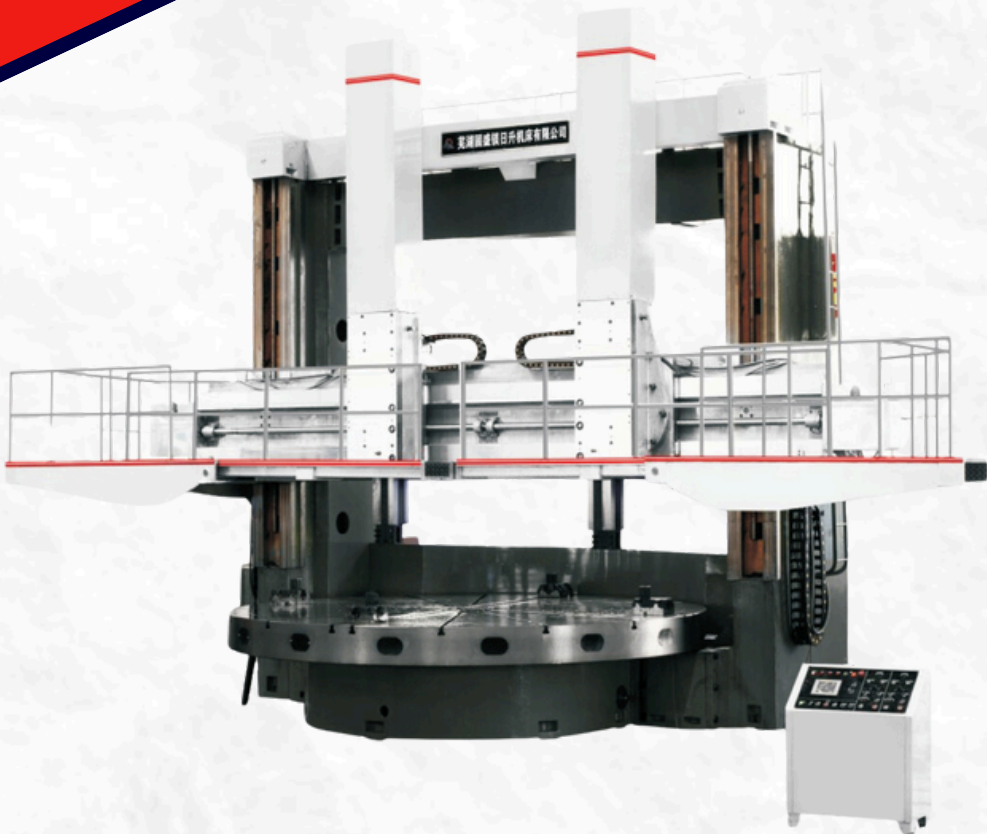
5

CNC system can be an optional accessory for feeding motor to achieve two-axes synchro-motion and circular surface processing.

	Items/Model	C5235
mm	Max.tuning diameter	3500
mm	max.height of work-piece	2000/2500/3150
T	max.weight of work-piece	32
N	max.cutting force	50000
N.m	max.torque	84000
mm	working table diameter	3150
r/min	speed range of working table	1-50
mm (X)	horizontal movement of tool post	1920
mm (Z)	vertical movement of tool post	1250/1400/1600
	max.swing angle of tool post	30°
mm/min	range of feed amount of tool post	0.2-100°C
mm/min	rapid speed of tool post	2000
mm	max.travel of cross rail	1750/2250/2900
KW	main motor power	75 (frequency converson)
T	machine weight	54
(L x W x H)mm	overall dimension	6625 x 5756 x 5000

CQ5250

Double column vertical lathe series



1

It can be used in machining the cylindrical surface, inner hole, end face, internal and external circular surface of workpiece, especially 30T workpiece.

2

Columns, guide way and the whole machine are widened. So the rigidity of whole machine is enhanced, especially when columns are lengthened for machining large size workpieces.

3

The main motor is driven by a frequency conversion motor, so the speed can be changed steplessly.

4

Feed motion: : left and right tool posts are controlled by two servo motors via a driven motor. The speed is changed steplessly. The electron hand-wheel can be used as well. The operation is accurate and convenient.

5

The feed motion can made the tool post numerically when plus a CNC system, realizing 2 axis simultaneously and machining round arc faces.

	Items/Model	C5250
mm	Max.tuning diameter	5000
mm	max.height of work-piece	2000/2500/3150
T	max.weight of work-piece	32
N	max.cutting force	50000
N.m	max.torque	84000
mm	working table diameter	3900/4200
r/min	speed range of working table	1-35
mm (X)	horizontal movement of tool post	2650
mm (Z)	vertical movement of tool post	1250/1400/1600
	max.swing angle of tool post	30°
mm/min	range of feed amount of tool post	0.2-100°C
mm/min	rapid speed of tool post	2000
mm	max.travel of cross rail	1750/2250/2900
KW	main motor power	75 (frequency converson)
T	machine weight	76
(L x W x H)mm	overall dimension	8363 x 6131 x 5005

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