



CNC-S38

CNC-S50

CNC-F56

CNC-S80

TO TOP-TURN[®]

**SPECIAL CNC LATHE
FOR OIL PIPELINE**

CNC-S38 SPECIAL CNC LATHE OIL PIPELINE(SLANT BED)

MODEL		CNC-S38
Swing over bed	mm(in)	Ø900(35.4)
Swing over cross slide	mm(in)	Ø725(28.5)
Distance between center	mm(in)	1000(40)
BED		
Width	mm(in)	1462(57.5)
Machine weight	ton	9
HEADSTOCK		
Spindle nose		A2-11(Opt.:A2-15)
Spindle bore	mm(in)	Ø165 (6.49) / OPT.Ø230 (9)
Spindle step		3 steps
Spindle speeds	rpm	A2-11 1200 r.p.m / OPT.A2-15 700 r.p.m.
TURRET		
Turret type		Servo
No of tool stations		12
Tool shank cross section	mm(in)	□32/□40
Tool shank diameter	mm(in)	Ø50(1.96)/Ø60(2.36)/Ø80(3.1)
TRAVEL		
Travel (X-axis)	mm(in)	485+30
Travel (Z-axis)	mm(in)	1000(40)
Ballscrew diameter (X-axis)	mm(in)	Ø50*P10
Ballscrew diameter (Z-axis)	mm(in)	Ø50*P10
MOTOR		
Main Spindle motor	KW(HP)	22/26(30/35) / OPT.30/37(40/50)
X-axis AC servo motor	KW(HP)	4(5.3)
Z-axis AC servo motor	KW(HP)	7(9.3)
Hydraulic pump motor	KW(HP)	2.2(3)
Coolant pump motor 3 bars.	KW(HP)	1.1(1.47)
CONTROL		
CNC control unit available		FANUC 0i-TF / Siemens 828D
Controlled axis		2

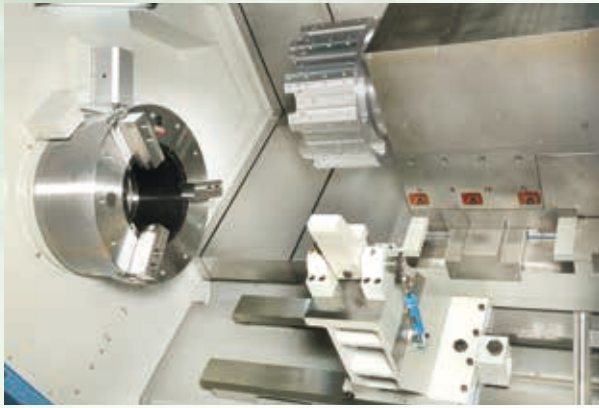
*Please note that all specifications are subject to alteration without notice for design improvement.

TOP-TURN®

CNC-S50 SPECIAL CNC LATHE OIL PIPELINE(SLANT BED)

MODEL		CNC-S50
Swing over bed	mm(in)	Ø1275(50)
Swing over cross slide	mm(in)	Ø970(38)
Distance between center	mm(in)	1000(40)
BED		
Width	mm(in)	1475(58)
Machine weight	ton	15
HEADSTOCK		
Spindle nose		A2-15 (OPT. A2-20, A2-28, Topturn Type)
Spindle bore	mm(in)	Ø230(9) OPT.Ø318(12.5),Ø368(14.49),Ø410(16.1),Ø535(21),Ø610(24)
Spindle step		3 steps
Spindle speeds	rpm	1~500 r.p.m.
TURRET		
Turret type		Servo
No of tool stations		12
Tool shank cross section	mm(in)	□40(1,5))
Tool shank diameter	mm(in)	Ø60(2.36) / Ø80(3.1) / Ø100(3.9)
TRAVEL		
Travel (X-axis)	mm(in)	662(26)
Travel (Z-axis)	mm(in)	1000(40)
Ballscrew diameter (X-axis)	mm(in)	Ø50*P10
Ballscrew diameter (Z-axis)	mm(in)	Ø63*P10
MOTOR		
Main Spindle motor	KW(HP)	30/37(40/50) / OPT.37/45(50/60)
X-axis AC servo motor	KW(HP)	5~7(6.7~9.3)
Z-axis AC servo motor	KW(HP)	5~9(6.7~12)
Hydraulic pump motor	KW(HP)	3.75(5)
Coolant pump motor 3 bars.	KW(HP)	1.1(1.47)
CONTROL		
CNC control unit available		FANUC 0i-TF / Siemens 828D
Controlled axis		2

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Big hole 610mm



Boring attachment

TOP-TURN®



Big hole oil plpe



Big hole oil plpe



Ship-building industry

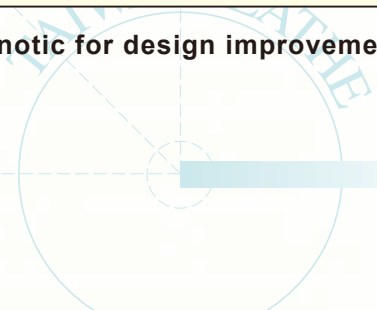


Oil and Chemical industry

CNC-F56 SPECIAL CNC LATHE OIL PIPELINE(FLAT BED)

MODEL		CNC-F56
Swing over bed	mm(in)	Ø1400(56)
Swing over cross slide	mm(in)	Ø970(38)
Distance between center	mm(in)	1000(40)
BED		
Width	mm(in)	840(34)
Machine weight	ton	15
HEADSTOCK		
Spindle nose		A2-15 / OPT. A2-20, A2-28
Spindle bore	mm(in)	Ø230(9) (OPT. Ø318(12.5), Ø368(14.49), Ø410(16.1), Ø535(21))
Spindle step		3 steps
Spindle speeds	rpm	1~500 r.p.m.
TURRET		
Turret type		Servo
No of tool stations		4/12
Tool shank cross section	mm(in)	□40 / □50 (1.5 / 2)
Sleeve diameter	mm(in)	Ø60(2.36) / Ø80(3.1) / Ø100(3.9)
TRAVEL		
Travel (X-axis)	mm(in)	650(25.5)
Travel (Z-axis)	mm(in)	1000(40)
Ballscrew diameter (X-axis)	mm(in)	Ø50*P10
Rock & pinion (Z-axis)	mm(in)	M4
MOTOR		
Main Spindle motor	KW(HP)	30/37(40/50) / OPT.37/45(50/60)
X-axis AC servo motor	KW(HP)	4(5.3)
Z-axis AC servo motor	KW(HP)	4(5.3)
Hydraulic pump motor	KW(HP)	2.2(3)
Coolant pump motor 3 bars.	KW(HP)	1.1(1.47)
CONTROL		
CNC control unit available		FANUC 0i-TF / Siemens 828D
Controlled axis		2

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TOP-TURN®

CNC-S80 SPECIAL CNC LATHE OIL PIPELINE(FLAT BED)

MODEL		CNC-S80
Swing over bed	mm(in)	Ø2130(83)
Swing over cross slide	mm(in)	Ø1520(59.8)
Distance between center	mm(in)	1000(40)
BED		
Width	mm(in)	2119(83.4)
Machine weight	ton	19.5
HEADSTOCK		
Spindle nose		A2-15 / OPT. A2-28 ,Topturn Type
Spindle bore	mm(in)	Ø230(9) (OPT: Ø410(16.1),Ø535(21),Ø610(24),Ø720(28.3),Ø765(30))
Spindle step		4 steps
Spindle speeds	rpm	1~400 r.p.m.
TURRET		
Turret type		Servo
No of tool stations		4/12
Tool shank cross section	mm(in)	□40 / □50 (1.5 / 2)
Tool shank diameter	mm(in)	Ø60(2.36) / Ø80(3.1) / Ø100(3.9)
TRAVEL		
Travel (X-axis)	mm(in)	870(34)
Travel (Z-axis)	mm(in)	1000(40)
Ballscrew diameter (X-axis)	mm(in)	Ø50*P10
Ballscrew diameter (Z-axis)	mm(in)	Ø63*P10
MOTOR		
Main Spindle motor	KW(HP)	30/37(40/50) / OPT.37/45(50/60)
X-axis AC servo motor	KW(HP)	7(9.3)
Z-axis AC servo motor	KW(HP)	6(8)
Hydraulic pump motor	KW(HP)	2.2(3)
Coolant pump motor 3 bars.	KW(HP)	1.1(1.47)
CONTROL		
CNC control unit available		FANUC 0i-TF / Siemens 828D
Controlled axis		2

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WORLD CLASS PRODUCTION LINE



TÜV Certificate

