

# ACRA®

## ASL-52

### CNC LATHE



Chuck 6", 8"  
Swing 420mm  
Bar capacity 45, 52mm

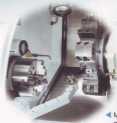


THE LEADER IN QUALITY AND RELIABILITY

CNC LATHE

# ASL-52

▶ Structure



◀ Manual  
measur

● - - - -

◀ Collet Chuck ● - - - -

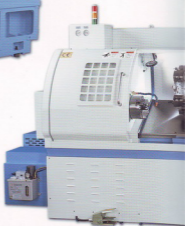


▶ Parts catcher



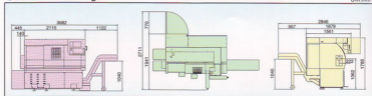
▲ Driven tool system

◀ Precision vertical  
10-station turret



## ○ Dimensional Drawing

Unit:mm



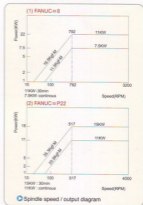
Shear block safety coupling



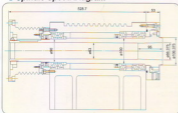
**Sparate coolant pan**

In order to change coolant and clear the pan easily, the coolant pan are separated from the machine.

tool  
ement arm



**Spindle Speed Diagram**



**Tooling System (mm)**



## Machine Specifications

### CNC LATHE

(Option) ®

Item	ASL-45	ASL-52	ASL-65	ASL-78
Capacity	Max. Swing 460mm			
	Max. turning diameter	230mm	200mm	160mm
	Max. cutting length	500mm		400mm
	Distance between centers	500mm		
Stroke	X-axis	140mm		130mm
	Z-axis	530mm		430mm
Spindle	Max. Speed	3200rpm (4000rpm) ®		
	Spindle nose	A2-E		
	Spindle bearing ID	100mm		
	Spindle bore	62mm		
	Bar Capacity	52mm		
Turret	Turret type	V10	V12	V12 Driven tool system
	OD tool shank	□25mm(1")		□30mm(3/4")
	ID tool shank(Max.)	ø40mm(1-1/2")		ø32mm(1-1/4")
Feed traverse	X-axis	16m/min		
	Z-axis	20m/min		
Tailstock	Tailstock stroke	435mm		
	Quill diameter	75mm		
	Quill taper	MT#4		
	Quill stroke	100mm		
Motor	Main motor(30min.)	15HP \ 11kw		
	Servo motor	X:1.3HP \ 1.0kw , Z:2.8HP \ 2.1kw		
	Hydraulic unit motor	2HP \ 1.5kw		
	Coolant pump motor	3/8HP \ 0.44kw		
Machine dimension	Height	1800mm		
	Floor space	3700x1600mm		
	Weight	3200kgs		

® Specifications are subject to change without notice.

## equipment & accessories

### Standard

- FANUC O/T controller
  - Main motor 15HP
  - Hydraulic system
  - 8" hollow 3-jaw hydraulic chuck
  - Hard jaw & soft jaw 15SET/EACH
  - Coolant tank & high power coolant system
  - Moving door & splash guard
  - Hydraulic tailstock, moving center MT#4
  - Work light
  - Vertical 10 stations turret
  - Boring bar holder 5 PCS
  - Facing tool holder 2 PCS
  - Boring bar socket 1 SET
  - Morse taper 1 SET
- Chip conveyor & chip bucket

### Optional

- Automatic door
- Manual tool measurement arm
- Part catcher
- V12 Driven tool system, not including tool holder
- Cs axis function (positioning accuracy±0.05")
- CE Approval specification
- Transformer
- Vertical 12 stations turret
- øp22 spindle motor

## Tool interference & Working Range



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