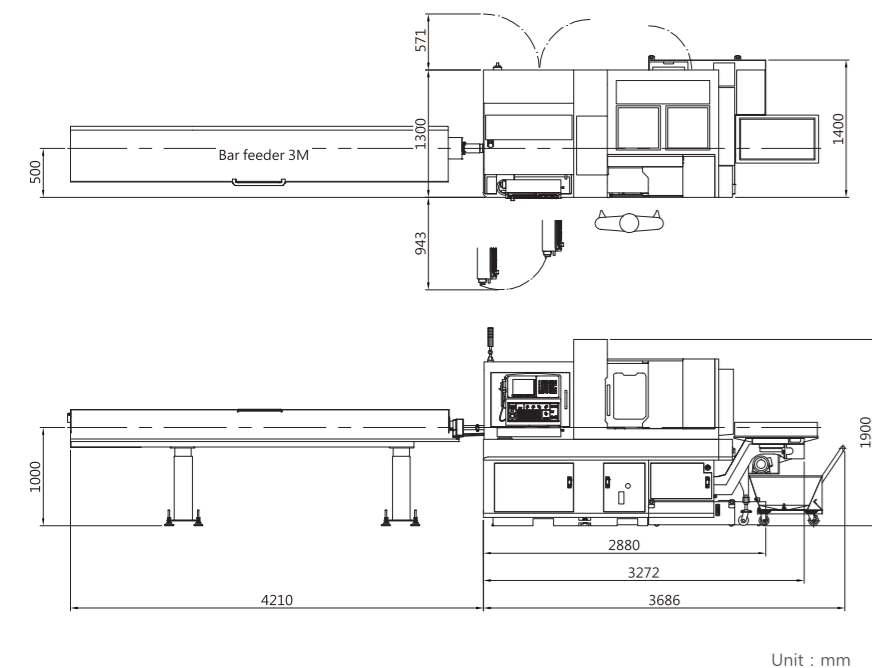


Foudation



Unit : mm

Standard Accessories

No.	Item	Remark
1.	8P OD tool holder (S1)	□ 16x2 · □ 12x6
2.	4P ID tool holder (S1)	Ø25
3.	Cross live tool holder (S1)	ER16x5
4.	ID tool holder (S2)	Ø25x4 (8 axis)
5.	Cross live tool holder (S2)	ER16x4 (8 axis)
6.	Face live tool holder (S2)	ER16x4 (7 axis)
7.	Face live tool holder (S2)	ER16x4 (8 axis)
8.	Sub spindle aside drilling tool holder	Ø25
9.	Main spindle V type lock	Any degree
10.	Guide bush holder	
11.	Cutting check device	
12.	Parts catcher (air cylinder)	Max. ejection100mm
13.	Parts convetor	
14.	Parts collect cart	
15.	LED 3 color alarm light	
16.	LED working light	Spindle / Machine room
17.	Standard tools	Hex. / Open-end wrench
18.	Collet wrench	
19.	Guide bush wrench	
20.	ER-16 nut wrench	21 / 19
21.	Tool box	
22.	Coolant supply system	S1 / S2 independent
23.	Coolant tank	310L (100%)
24.	Linear and ball screw	All THK
25.	Lub. oil for cross / face live tool	
26.	Spindle oil cooling chiller	
27.	Spindle clamp system	Mechanical / Hydraulic
28.	Sub spindle part ejection	Air cylinder
29.	Coolant flow detector	Electrical type
30.	Machine base biock	6 sets
31.	Electrical cabinet	Air cooling
32.	Chip plate	No chip conveyor
33.	Collet position pin x 2	1 for S1 / 1 for S2
34.	Collet spring x 2	1 for S1 / 1 for S2
35.	Job ejection head	Aluminum
36.	Tool life management	FANUC
37.	Machining program execution by hand wheel	FANUC
38.	Safety lock	
39.	CE safety window	
40.	Auto power-off system	ON/OFF on control panel
41.	Machine operation manual	
42.	Machine installation manual	
43.	Machine maintenance manual	
44.	Machine parts list	
45.	Machine electrical digram	
46.	NC control manual	
47.	Manual guide i	Main /Sub spindle
48.	Machine cleaning gun	
49.	Wivia custom page	FANUC

※ Configuration or design is subject to change without notice.

Specification

Item	Unit	V207	V208	V267	V268	Remark
Max. turning dia. (S1/S2)	mm	Ø20		Ø26		
Max. turning length (Rotary guide bush)	mm	220				one stroke
Max. turning length (Non guide bush)	mm	50		65		
OD tool holder	pcs	□ 16x2 · □ 12x6				
ID tool holder	pcs	4				Ø25
Cross live tooling holder(S1)	pcs	5				ER16
Face live tooling holder(S2)	pcs	4				ER16
Cross live tooling holder(S2)	pcs	4		4		ER16
ID tool holder(S2)	pcs	4		4		Ø25
Sub spindle aside drilling tool holder	pcs	1				Ø25
No. of axis controls(with C axis)	pcs	7	8	7	8	
C axis control Min.	degree	0.001°				
Max. main spindle speed	Mechanical	rpm		10000		8000
	Hydraulic	rpm		8000		option
Max. sub spindle speed	Mechanical	rpm				8000
	Hydraulic	rpm				8000
Rapid traverse of X1/X2/Z1/Z2/Y1	M/min	30				
Main spindle motor	KW	3.7 / 5.5				Built-in
Sub spindle motor	KW	3.7 / 5.5				Built-in
Main spindle cooling		Oil cooling				
Sub spindle cooling		Oil cooling				
Main spindle clamping system		Mechanical(standard) / Hydraulic(option)				
Sub spindle clamping system		Mechanical(standard) / Hydraulic(option)				
X1/X2/Z1/Z1 axis motor	KW/rpm	0.75 / 4000				
Y1 axis motor	KW/rpm	1.4 / 5000				
Y2 axis motor	KW/rpm	0.75 / 4000		0.75 / 4000		
Cross live tooling motor	KW/rpm	2.5 / 8000				
Face live tooling motor(S2)	KW/rpm	2.5 / 8000				
Lubrication tank	L	2				
Air compressed pressure	Mpa	0.6				※ 1
Air compressed flow	L/min.	20~160				※ 4
Coolant tank	L	310L (100%)				※ 3
Machine dimension (LxWxH)	mm	2880x1400x1900				※ 2
Weight	KG	3150	3200	3150	3200	※ 2

※ 1: 0.6Mpa=6kg/cm² °

※ 2: Without coolant tank and pumps °

※ 3: At least 90% full for machining.

※ 4:Air flow will be different by different options.



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V series

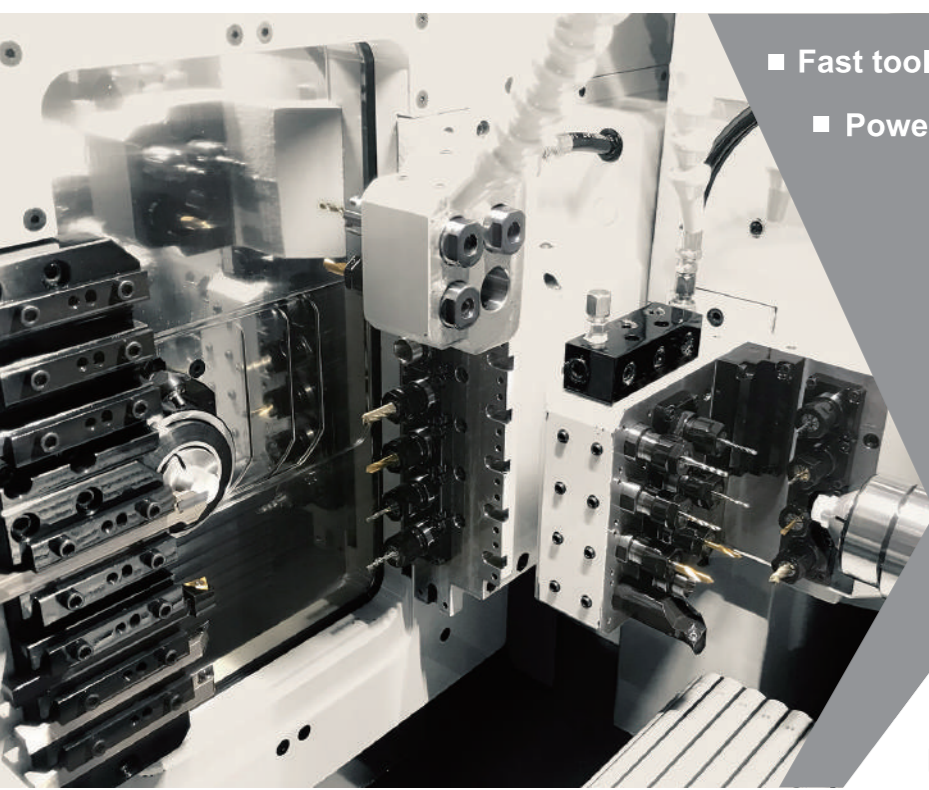
20/26

CNC SWISS TYPE MACHINE



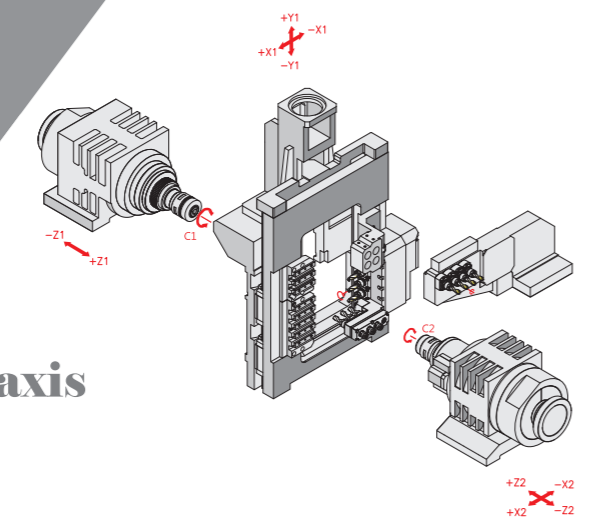
威亞精密機械有限公司
Wivia Machinery Co., Ltd

Multiple tool post system; complex machining available.



- Fast tooling installation system (FTI).
- Powerful live tool system.

7 axis



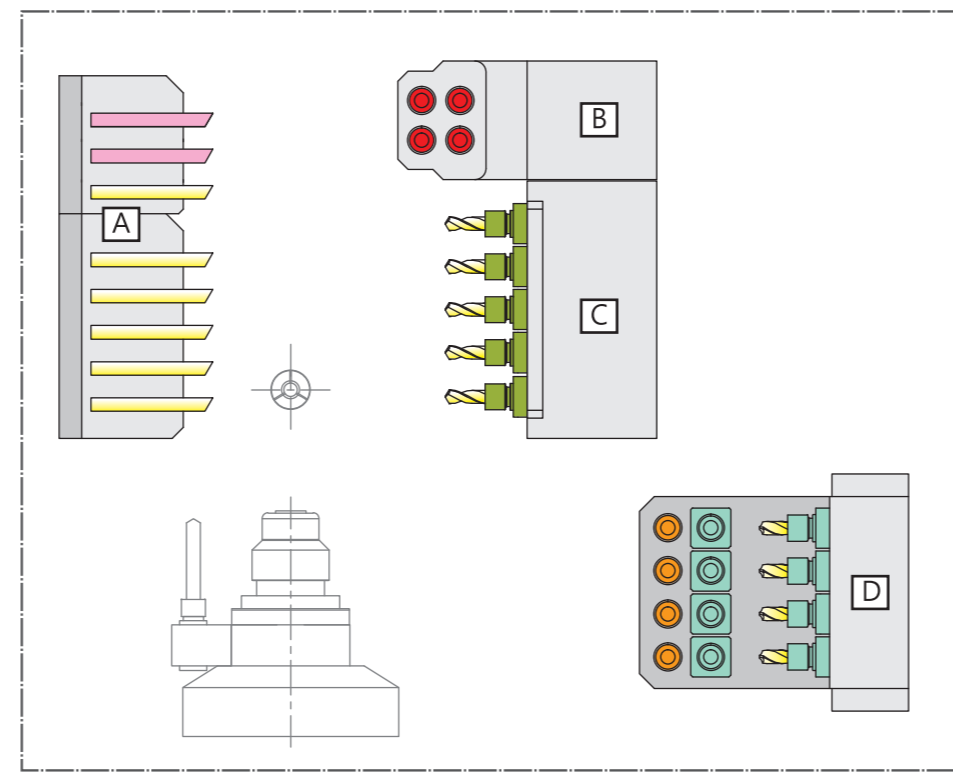
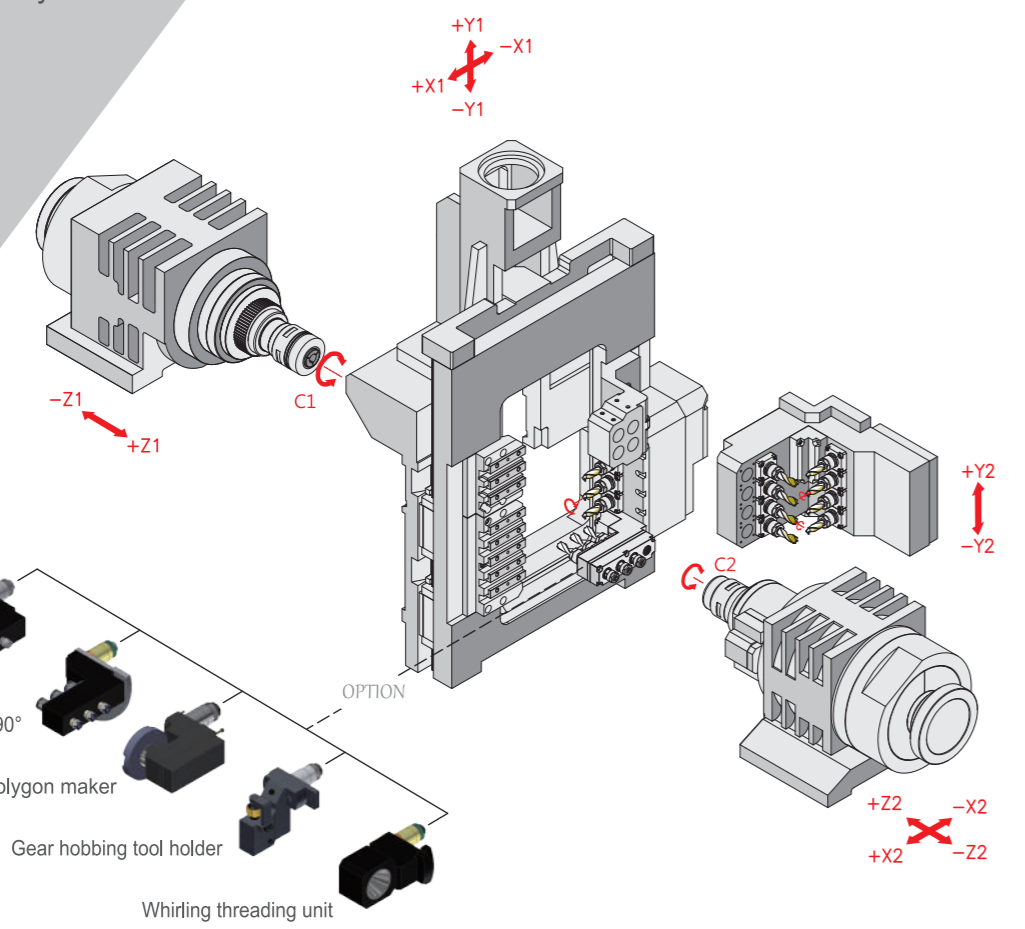
Axis Controls

Complete tool posts; on main and sub system.

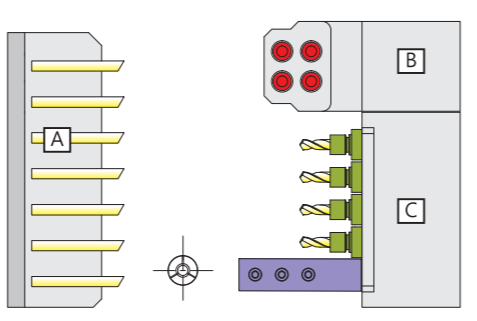
V series 20/26

8 axis

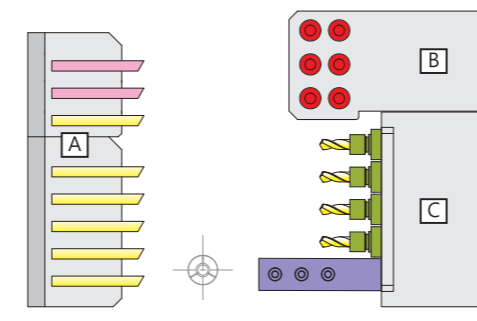
Max. turning Dia. $\varnothing 20 / \varnothing 26$ mm
Max. turning Length : 220 mm (GB)



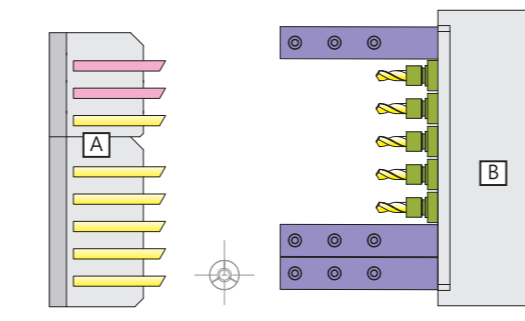
Main



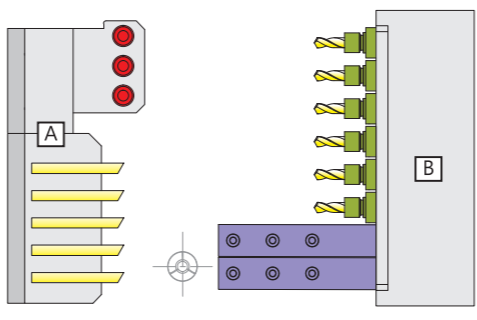
Tooling System	Qty./Size
OD tool A	7 / $\square 16$
ID tool B	4 / $\varnothing 25$
Live tool C	Cross 5 / ER16 Option C 3P face live tool



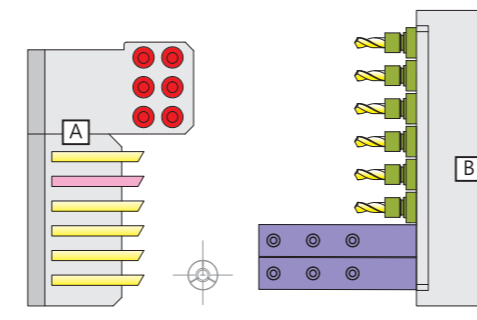
Tooling System	Qty./Size
OD tool A	2 / $\square 16$
OD tool A	6 / $\square 12$
ID tool B	6 / $\varnothing 22$
Live tool C	Cross 5 / ER16 Option C 3P face live tool



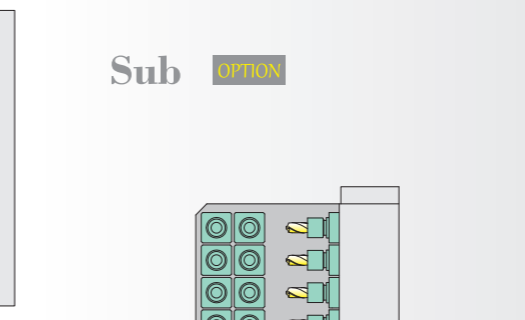
Tooling System	Qty./Size
OD tool A	2 / $\square 16$
OD tool A	6 / $\square 12$
Live tool B	Cross 8 / ER16 Option B 3P face live tool



Tooling System	Qty./Size
ID tool A	3 / $\varnothing 25$
OD tool A	5 / $\square 12$
Live tool B	Cross 8 / ER16 Option B 3P face live tool



Tooling System	Qty./Size
ID tool A	6 / $\varnothing 22$
OD tool A	1 / $\square 16$
OD tool A	5 / $\square 12$
Live tool B	Cross 8 / ER16 Option B 3P face live tool



Tooling System	Qty./Size
Live tool	12 / ER16

Sub

Tooling Layout Variation

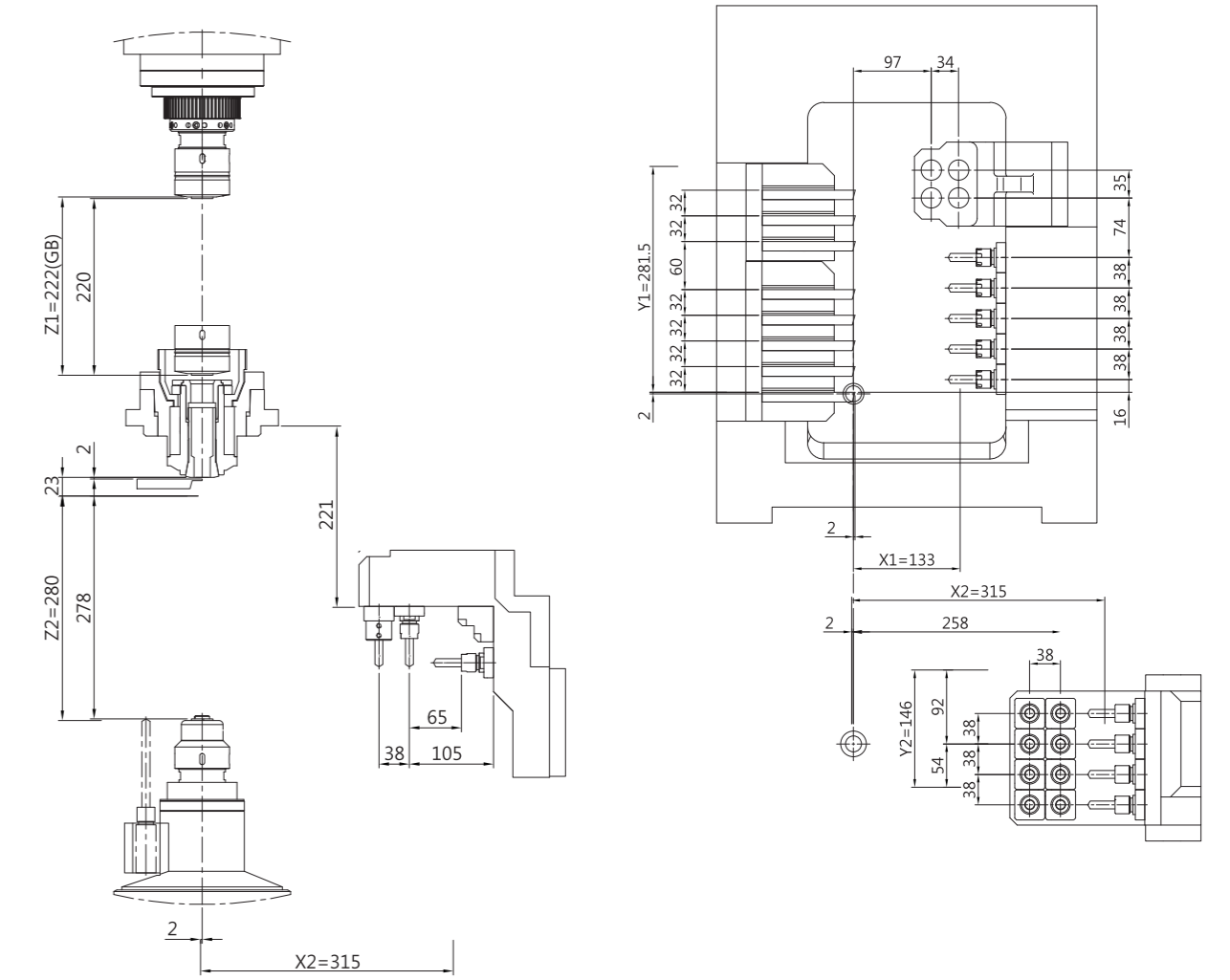
Complete tooling system; Operating satisfied; shortest machining cycle.

- Rich variety tool system.
- Fast machining.
- Quick-release live tool system.

STANDAR

Tooling System	Qty./Size
OD tool A	2 / $\square 16$
OD tool A	6 / $\square 12$
ID tool B	4 / $\varnothing 25$
Live tool C	Cross 5 / ER16
Live tool (Movable) D	Face 4 / ER16
Live tool (Immovable) D	Cross 4 / ER16
Live tool D	ID 4 / $\varnothing 25$

Travel Range



Fanuc · Wivia Custom System

Function setting and adjusting for Fast, Easy, and Smart operating.

