

For large-sized tables

TPC5 SR6 / SR12 / SR30

Single axis NC controllers automatically start large-sized TSUDAKOMA NC rotary tables by receiving M-signals from machining center.

Easy programming by simple input of the interactive system.

In increments of 0.001° (standard), 0.0001° or 1 sec.

Ready to set optional functions easily.

- With an optional function of B signal, the workpiece number, block number and tilting angle command can be entered from machining center.

- Operation can be programmed by machining center.

With "remote mode + M" specification

(Parameter change) **P.52**

※Corresponding to Cable option



MDI unit

TPC5 control unit

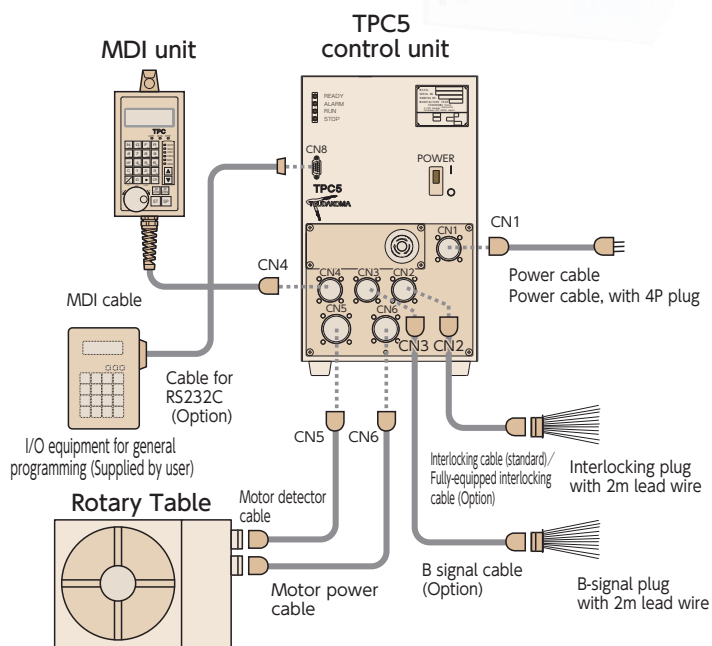
Applicable models

	SR6	SR12	SR30
RWB-250	●		
RWB-320,400,500		●	
RWM-160	●		
RWM-200 / 250 / 320-2	●		
RCH/RCV-800		●	
RCH/RCV-1000,1250			●
RCV-1600			●
RNC-2001,1501			●
TN-320	●		
TN-450			●
TWB-320	● (R)	● (T)	
TWB-630		●	
TWM-250*	● (R)	● (T)	
RBS/RBH-160	●		
RBS/RBH-250	●		
RBS/RBH-320		●	
RBM-160 *	●		
TBS-250	●		

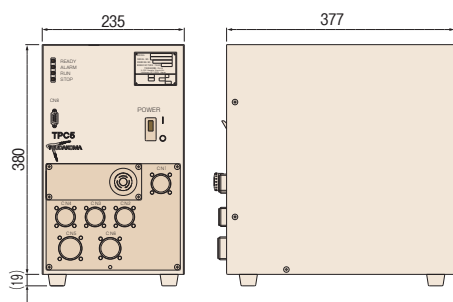
* Table maximum rotation speed is limited.

RBH requires special TPC5.

Cables



Dimensions



Operation panel



- **AUTO** AUTO : Automatic operation interlocked with machining center
- **SINGLE** SINGLE : Single operation of TPC5
- **CHECK** CHECK : Program check and self-diagnosis
- **PROG** Program mode : Program entry
- **MDI** MDI mode : Setup operation
- **HANDLE** Handle mode : Manual pulse operation/jog mode

2nd-F + **N** **Workpiece No. (Program No.)**
0000 to 9999
100 programs registerable

N Block No. 000 to 999

G
PRO

Operation command

G0 to G4 : Movement command
G5 to G9 : Assistance function

F
POS Feed rate select command
F0 : Rapid positioning speed
F1 to F9 : Cutting feed rate

R Assistance code for codes

θ
DGN

Travel distance command
(angle, divided number)

RBS

RBH

Multi-Spindle
RBM

TBS

RWE/RWA
RN

RWTH

RWA-B
RNCV-B

RWB

RWB-K
RNCK

RCB

RCH
RNC

RCV

Multi-Spindle
RWM

TWA/TN

TWB
TTNC

Multi-Spindle
TWM

RDS

RTV
RTT

TDS
TDB

NC Controllers

Accessories

Options

Technical Information