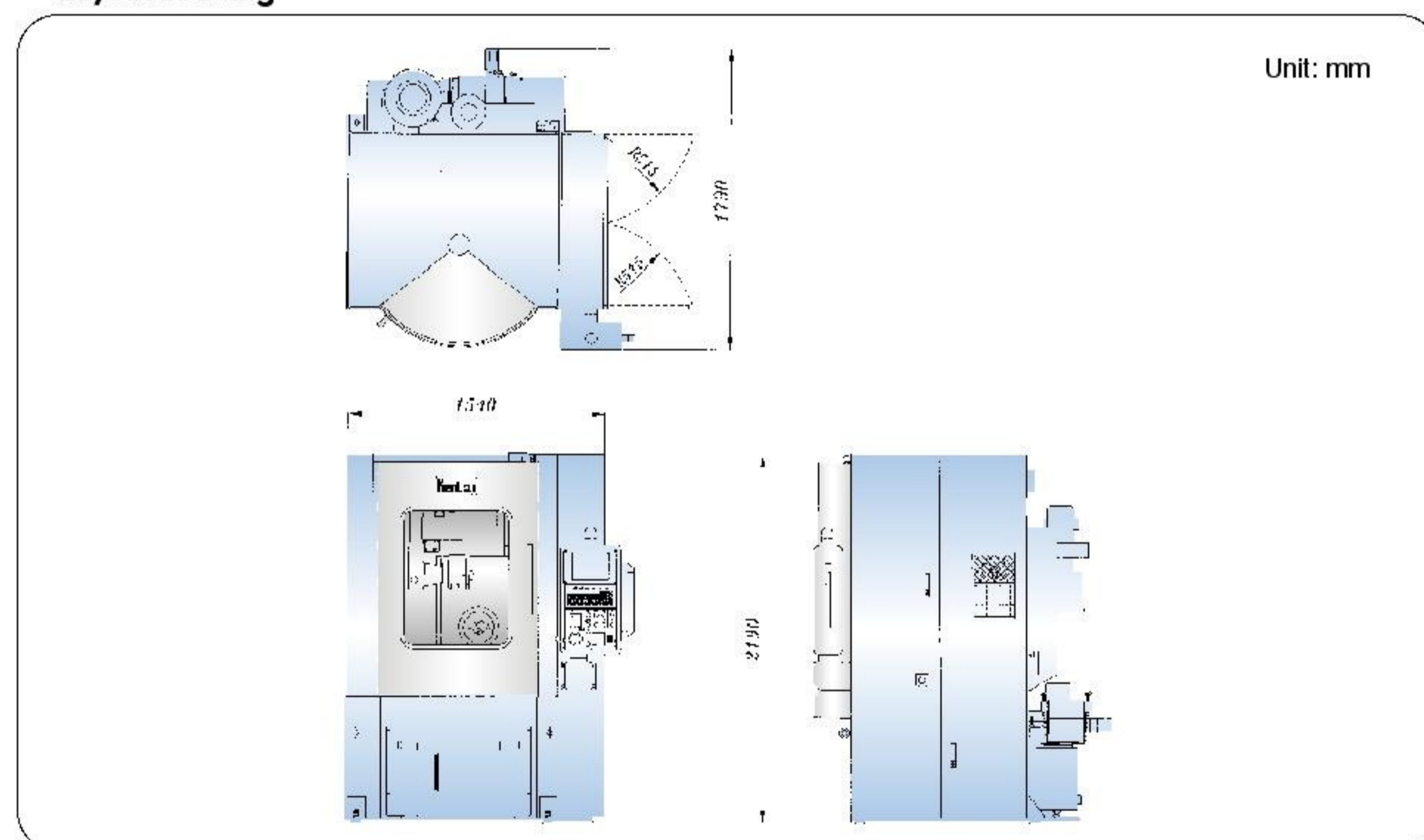


Specifications

Model	KNC-710
Saw blade diameter	ø45 ~ ø710mm
Pitch range	24mm (max.)
Grinding teeth limit	10 ~ 998 Teeth
Thickness of saw blade	6mm (max.)
Wheel diameter	ø150mm
Wheel inner diameter	ø32mm
Wheel motor	2.2kw
High pressure coolant device	9 kg/cm ² - 75 l/min
Pneumatic pressure requirement	4~6 kg/cm ²
Total electric power	7.5kw
Net weight	2500kgs
Gross weight of packing	2800kgs
Packing size (W x D x H)	1730 x 2150 x 2450mm

• The above specifications subject to change without prior notice.

Layout Drawing



KNC-710

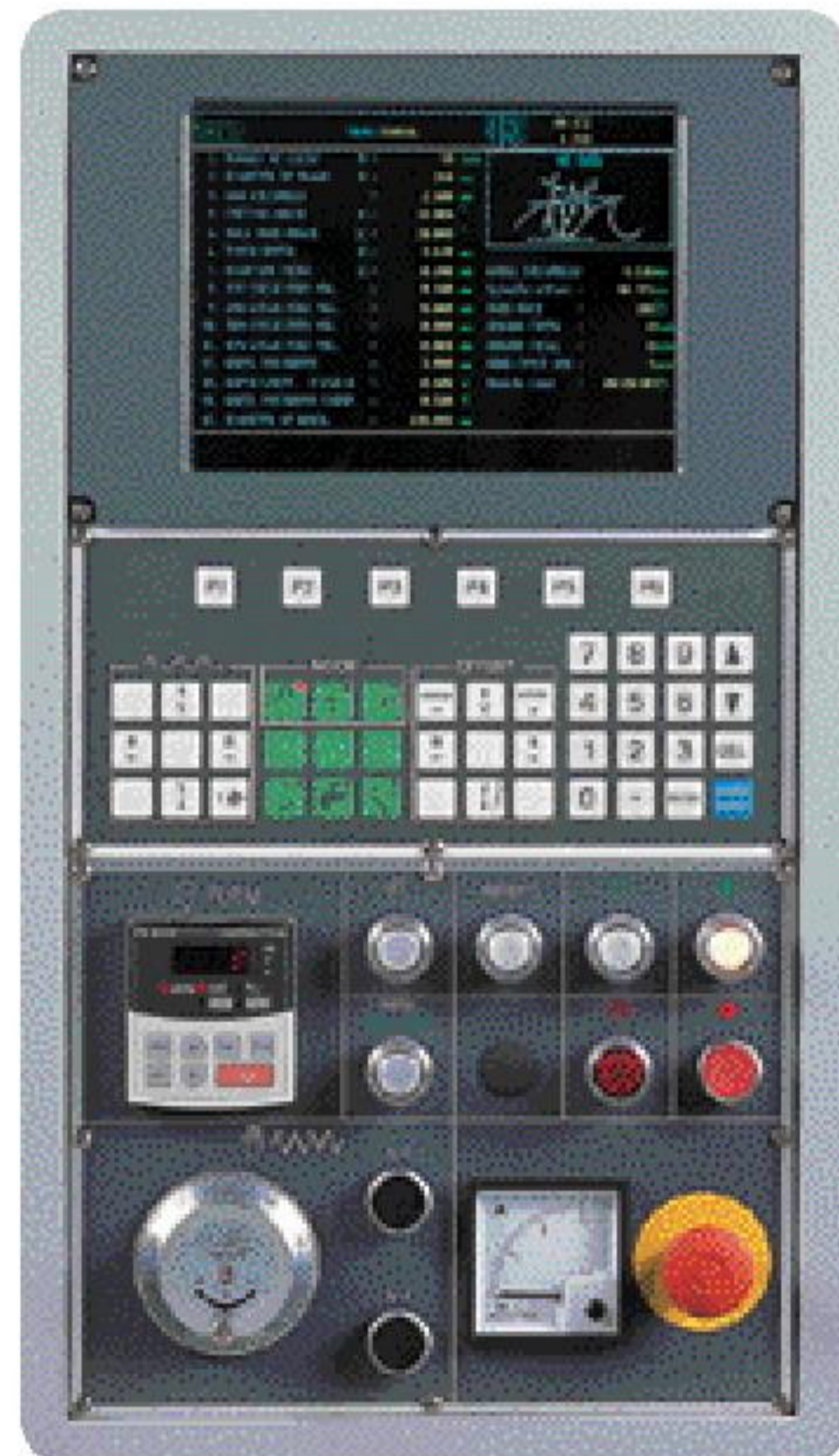
CBN Saw Grinding Machine Series



4-Axis CNC Control
Full Automatic Saw Blade Grinding Machine

KNC-710

CBN Saw Grinding Machine Series



User-Friendliness of man-machine interface

Easy operating with simple input data to accomplish full automatic grinding.

10.4" TFT color LCD display

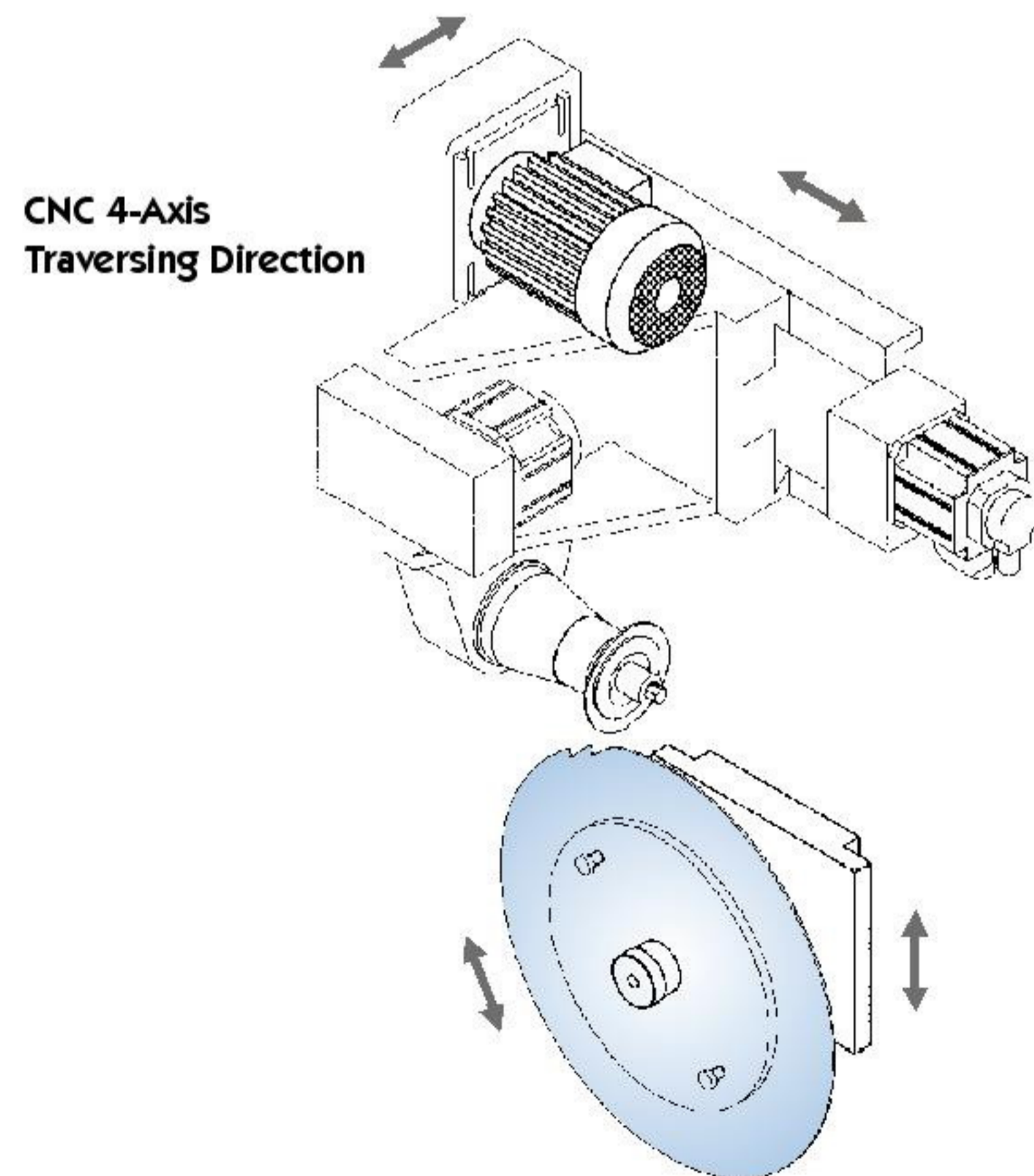
The LCD display has TFT wide-angle screen and displayed by graphics, entire parameter and data can be took at a glance.

Digital Parameter Input

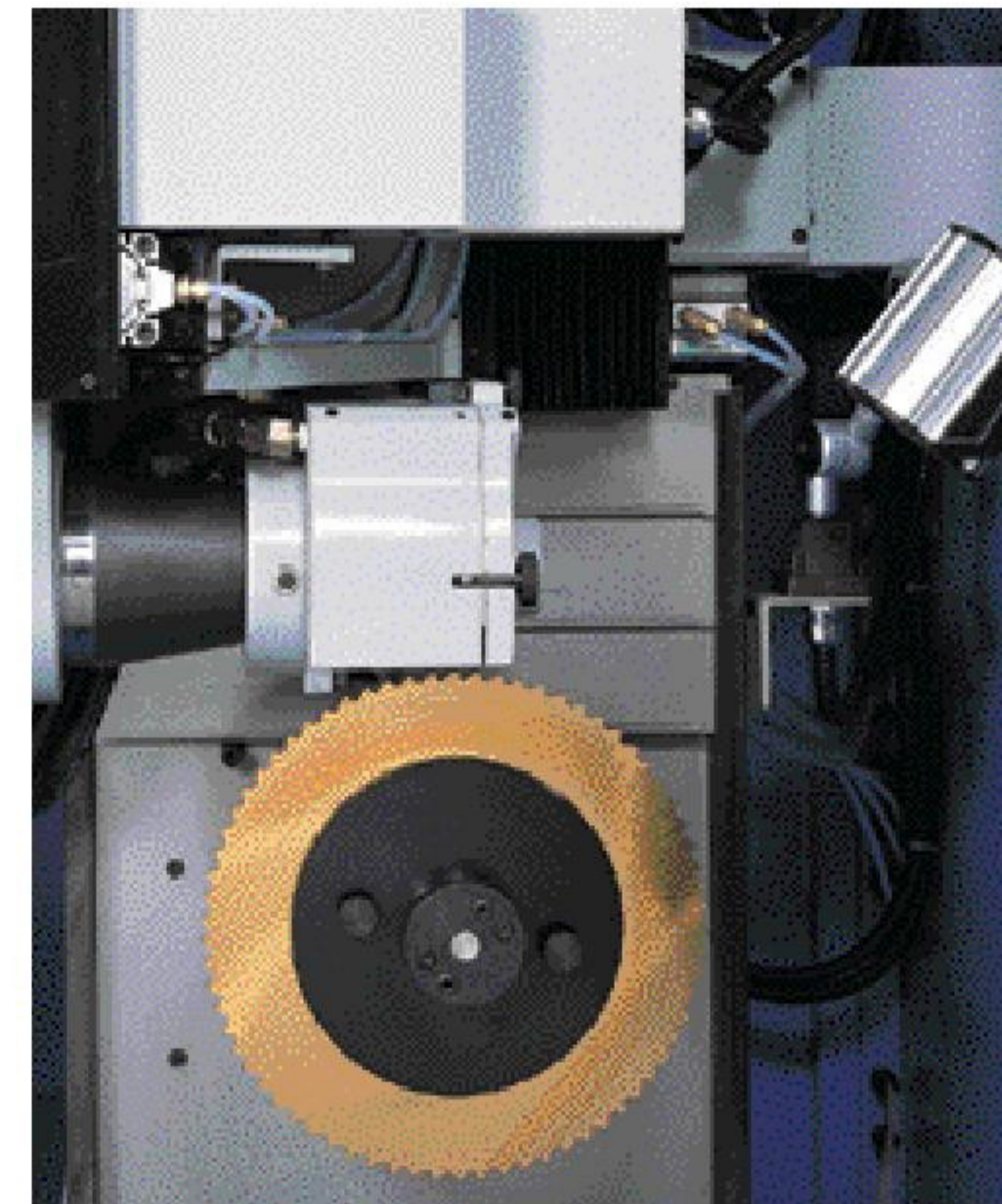
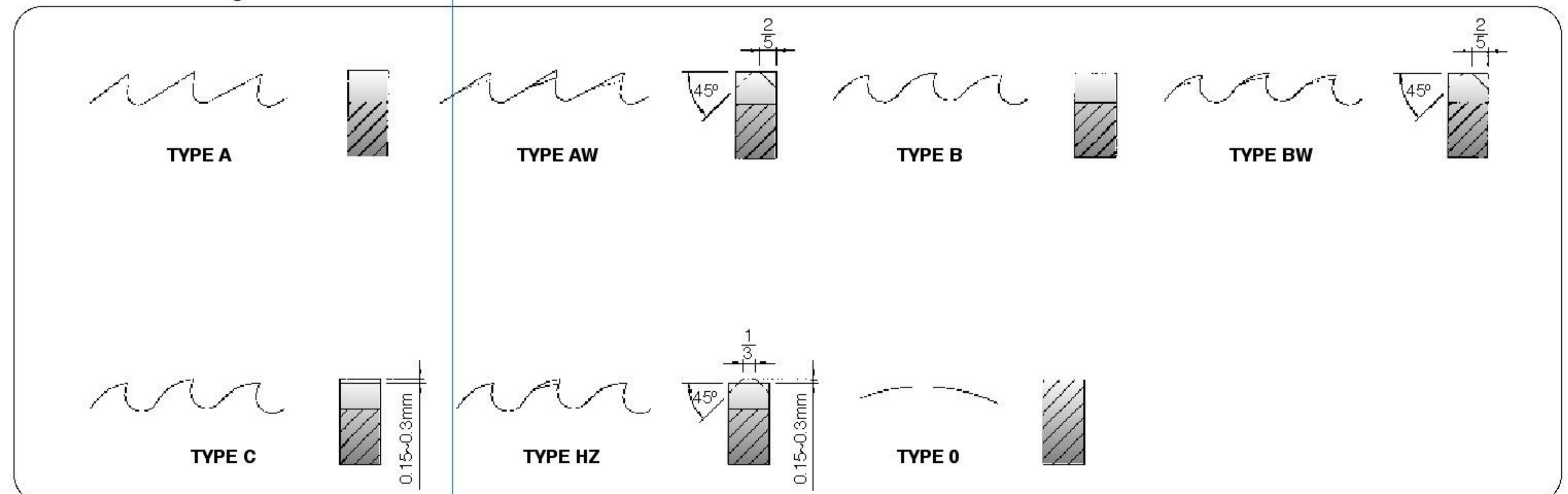
Teeth number, teeth depth, cutting angle, back rake angle, chamfering and feeding speed can be input by digital data from dedicated keypad. No complicated procedures from manual adjusting.

Self-Detection & Modular Control System

Computer programming and control system is designed by modular technology. Self-detection system displays error on screen for easy troubleshooting.



Tooth Form Grinding Function



Tooth Grinding + Chamfer Grinding accomplish at one go

From tooth to chamfer completely grind automatically at a time. Stop machine for adjustment is unessential.

Grinding Wheel Speed Set at Will

According to different characteristics of grinding wheels, it can be set different rotation speeds.

Cutting Angle Hands-Free-Adjust Function

After inputting a cutting angle, wheel spindle will offset automatically it done hands-free always.

Auto-Chamfering Function

Completely automatic chamfering it done also hands-free always.

New Sawblade Duplication

The new saw blade duplication function provides added convenience for grinding new saw blade. When grinding new saw blade with same diameter, you need only to touch the rim with initial saw blade. Then the computer will automatically memorize the diameter of saw blade. After that you just press the "NEW" button when another new one is installed. This fully meets the requirement of economical efficiency in mass production system.

Identical Outer Rim Grinding Function.

A batch of used saw blade also can be ground to identical diameter size again.