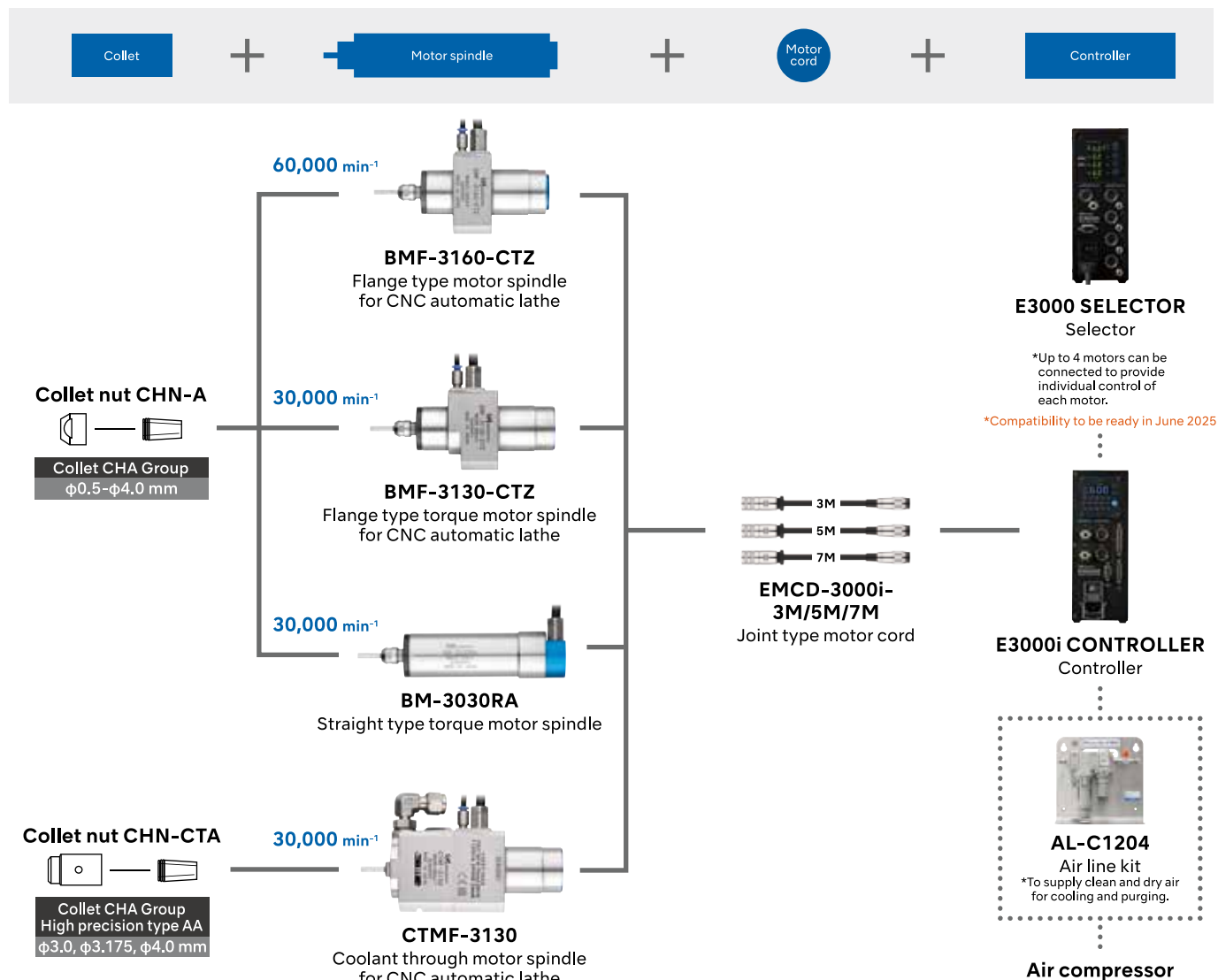


E3000i Series system chart



Features of Motor Spindle

● Various control functions realized by electric motor technology.

Control of rotation speed, visualization of load factor, advanced adaptability to automation and stable machining performance.

● Ultra-short body design with a min. length of 98.4 mm.

For mounting on a CNC automatic lathes.

- ▶ Can be mounted in a narrow machining chamber
- ▶ Recommended as a new option for rotary tools

For mounting on special purpose machines.

- ▶ Enables downsizing of the dedicated machine itself

● Realizes higher power than ever before.

Equivalent body size up to now: maximum output of 150 W.

- ▶ Maximum output of 350 W has been realized

Expansion of applicable processing fields.

*Compared to iSpeed3 series having the smallest body size to date at Nakanishi.

● Provides higher durability than rotary tools and speed-increasing spindles.

Solves the challenges encountered at work sites by minimizing vibration and heat generation, and higher durability.

What the E3000i series can achieve.

Benefits realized from mounting on a CNC automatic lathe:

1. The high speed spindles enable a high feed rate.
→ **Increased machining efficiency**
2. The high precision motor spindles ensure a precise finish.
→ **Increased machining accuracy**

