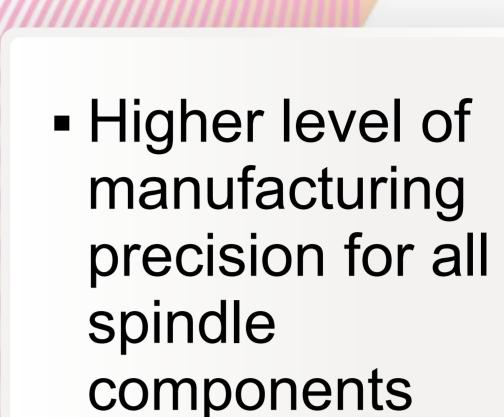




## Spin profit with Premium ES spindles



**Benefit:** Long life

- Compact neck bearing manufactured with higher precision
- Only two point contact (at footstep and neck bearing)

**Benefit:** 

Low noise level

18 mm wharve diameter

**Benefit:** 

Significantly lower energy consumption

Optimised damping of spindle vibrations with improved design and German components

**Benefit:** 

Low vibrations

Strong and sturdy design of HF1/ HF100 spindle bearing units

**Benefit:** 

Suitable for both manual and auto doffing

Upto 10% less power consumption by Premium ES spindles and its drive system

when compared with European make standard spindles

Most energy efficient and price competitive solution to reduce energy cost

QUALITY • RELIABILITY • INNOVATION

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