



FIBER LASER CUTTING MACHINE

/

PROFESSIONAL
Laser Equipment Manufacturer



Quick Details

- ✓ Laser power: 1000-3000W
- ✓ Japan Fuji servo motor
- ✓ Shanghai TubePro software
- ✓ Tube part max. load: 220KG
- ✓ Pneumatic chuck
- ✓ Full enclosure type

Technical Items

Parameters

Machine Model

TS60020 / TS60030

Laser power

1000W-3000W

Repeat location accuracy

$\pm 0.03\text{mm/m}$

Chuck type

Pneumatic type

Tube max. load

220KG

Power supply

3-phase 380V/50Hz/60Hz

Machine weight

$\leq 7000\text{kg}$

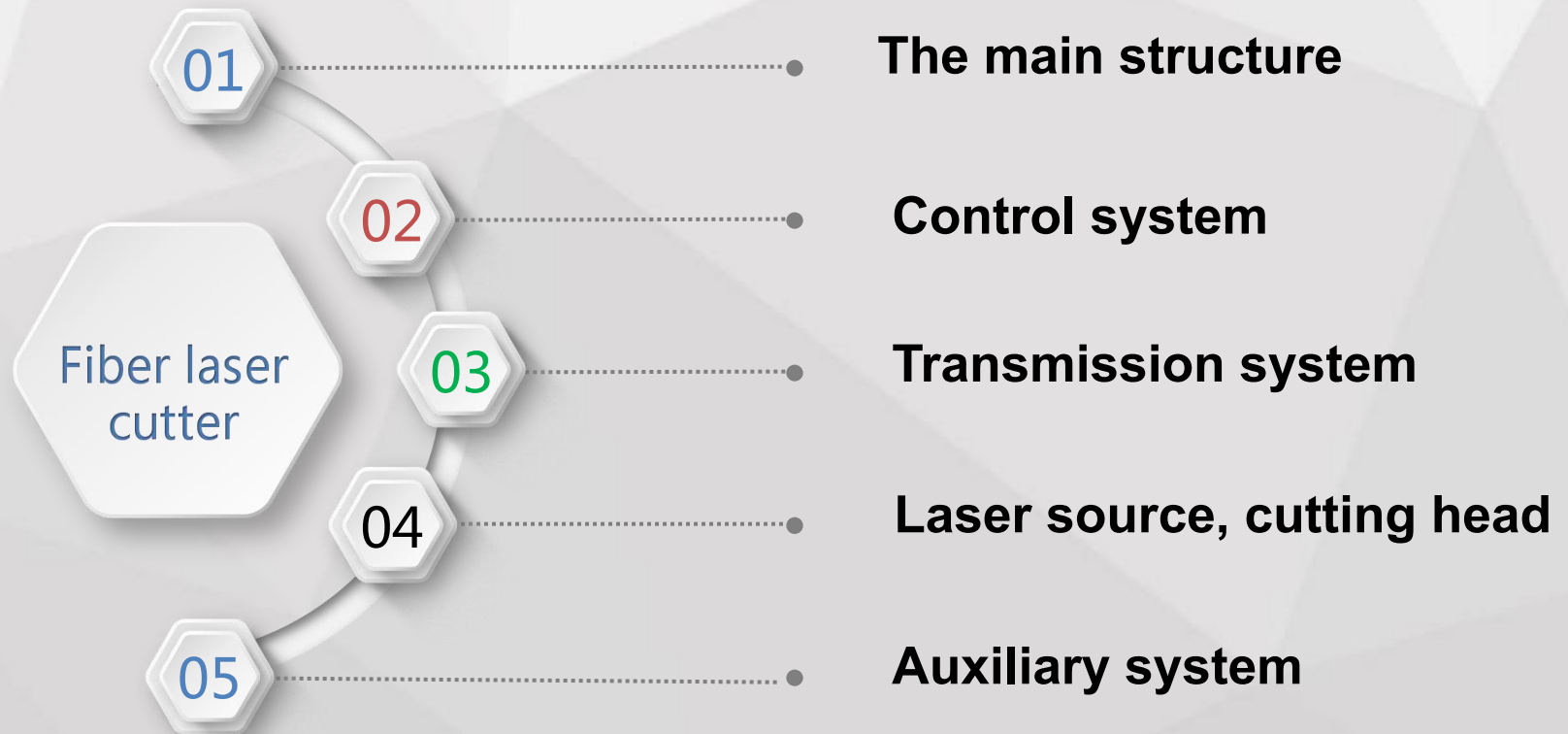
Machine dimension(L*W*H)

11000*1200*2200mm





The main parts



01

The main structure

Working table

Tube steel welding



Machine body

Tube steel welding
Plate steel welding



Gantry

Aluminum profile
Cast Aluminum
Manganese steel



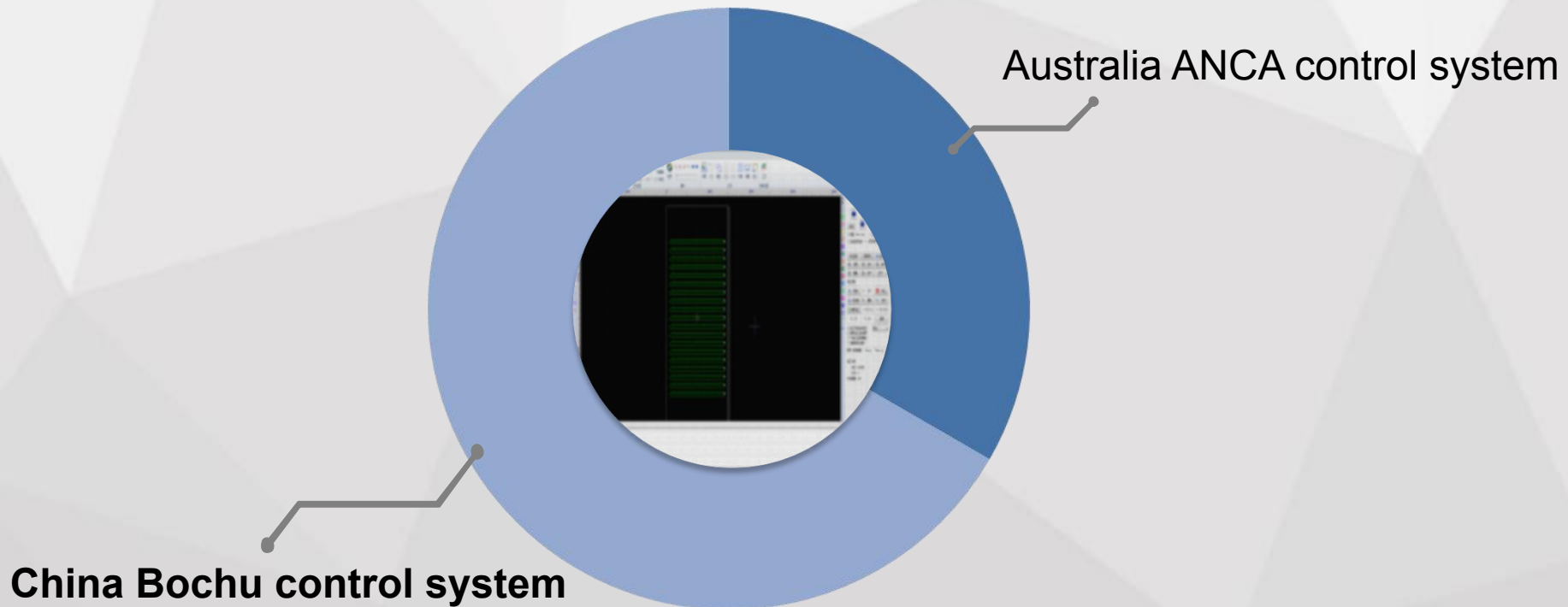
Z Axis

Cast Aluminum



02

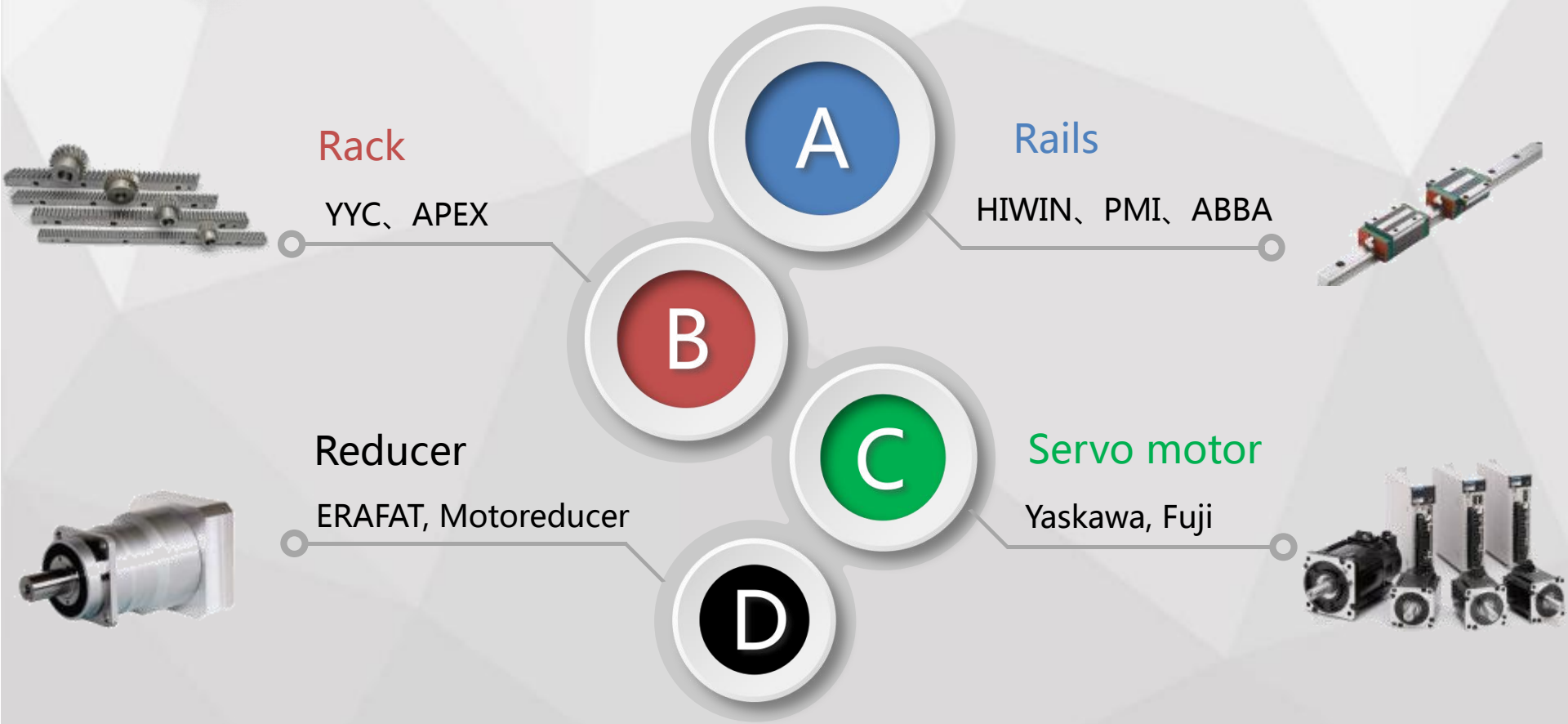
Control system



Bochu control system, cypcut software used widely in the market. It has basic nesting function, and help customers save sheet material.

03

Transmission system



04

Laser source, cutting head

L
A
S
E
R

S
O
U
R
C
E



IPG: CS, SS etc. Low reflective material



nLIGHT: CS, SS, High reflective material



Raycus/Max: CS, SS etc. Low reflective material



04

Laser source, cutting head

C
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T
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N
G

H
E
A
D



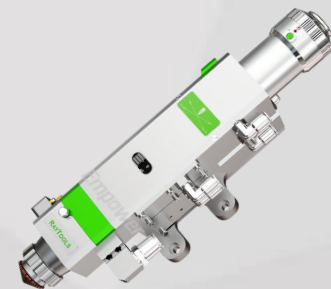
Precitec:ProCutter/ LightCutter



WSX: Manual and auto focus

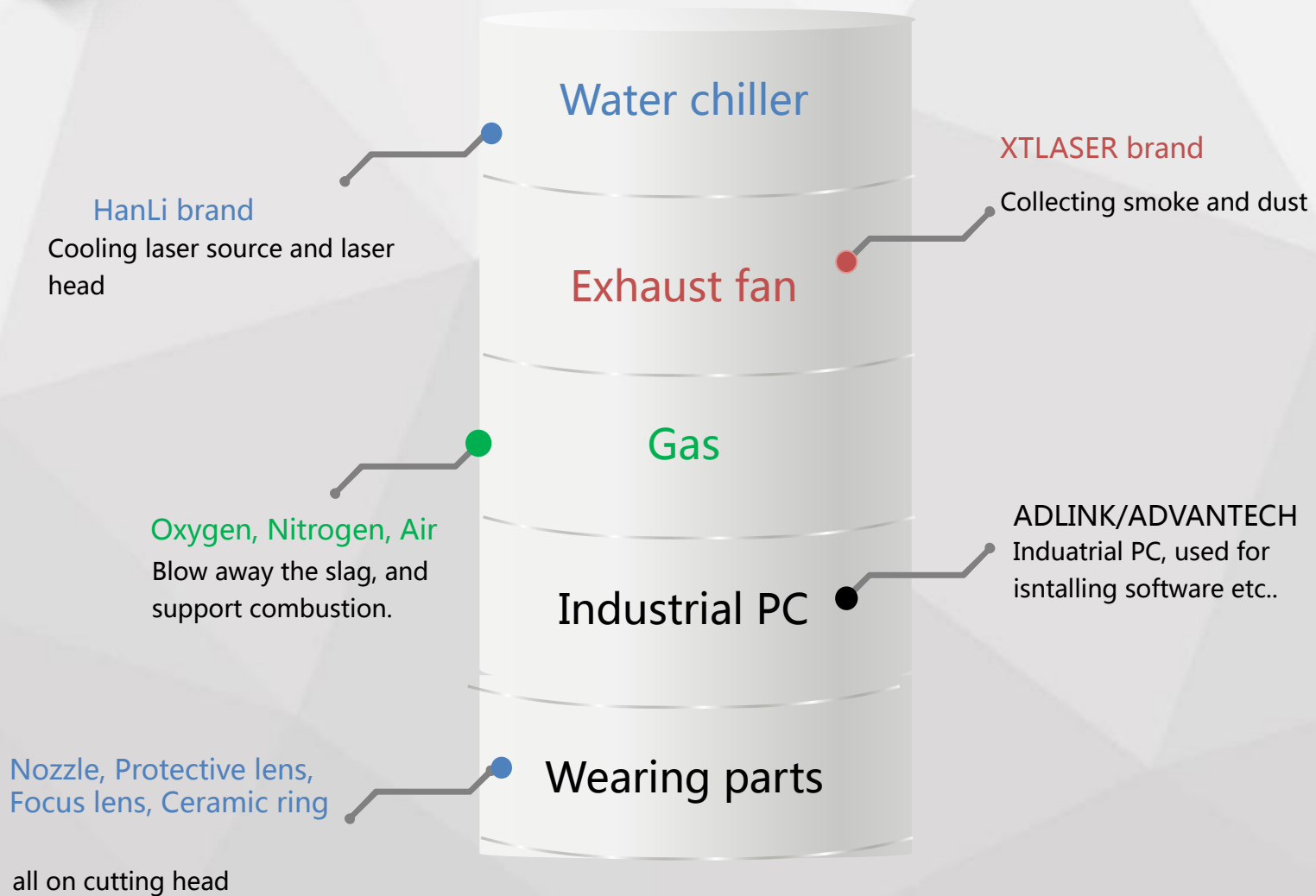


Raytools: Manual and auto focus



05

Auxiliary system



THANK YOU

