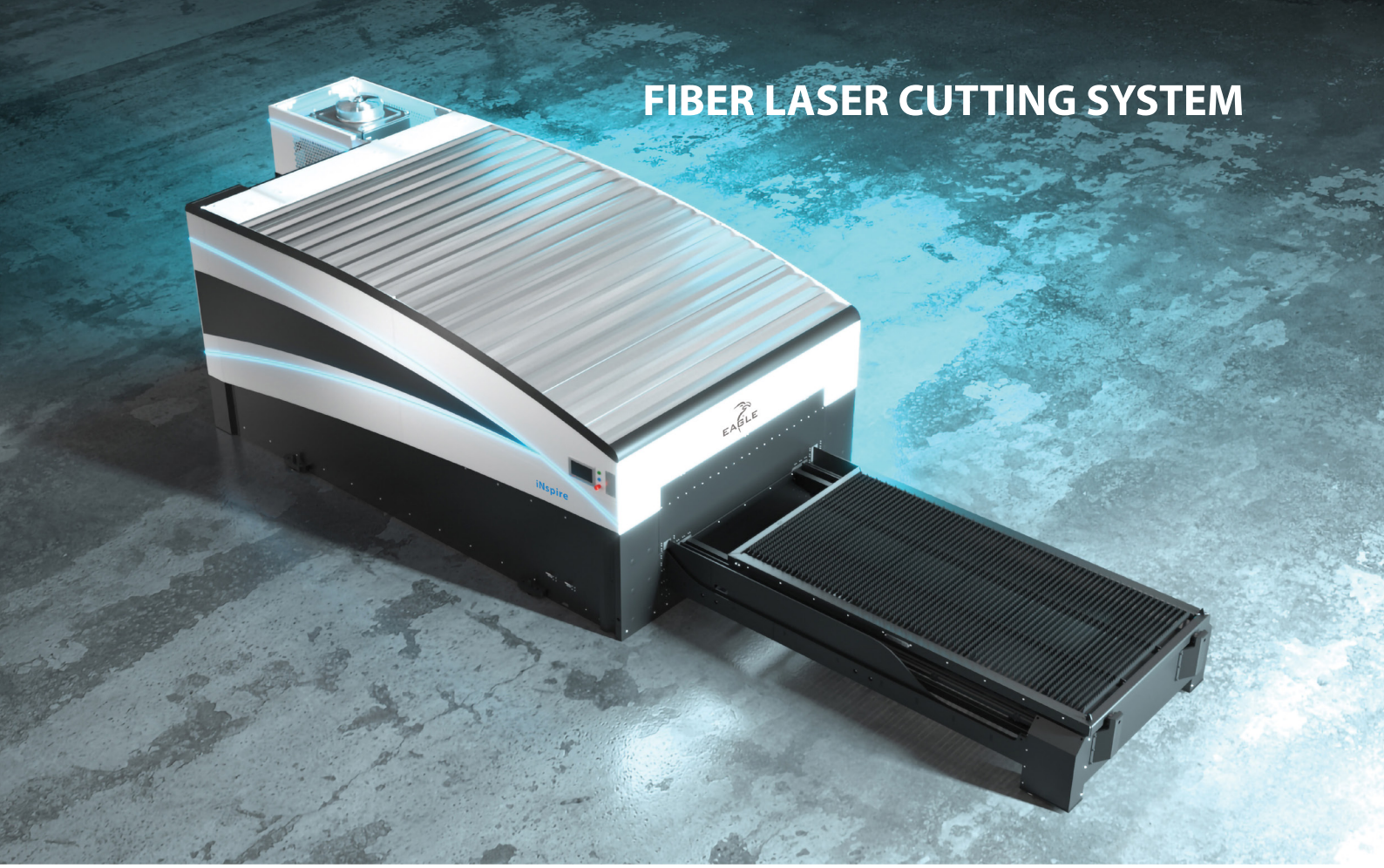
EAGLE®

FIBER LASER CUTTING SYSTEMS

NOTHING FASTER



TECHNICAL DATA

Cutting speed: **max. 150m/min**
Positioning: **350m/min**
Acceleration: **6G**
Laser Sources: **from 1 to 30kW**

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STANDARD EQUIPMENT

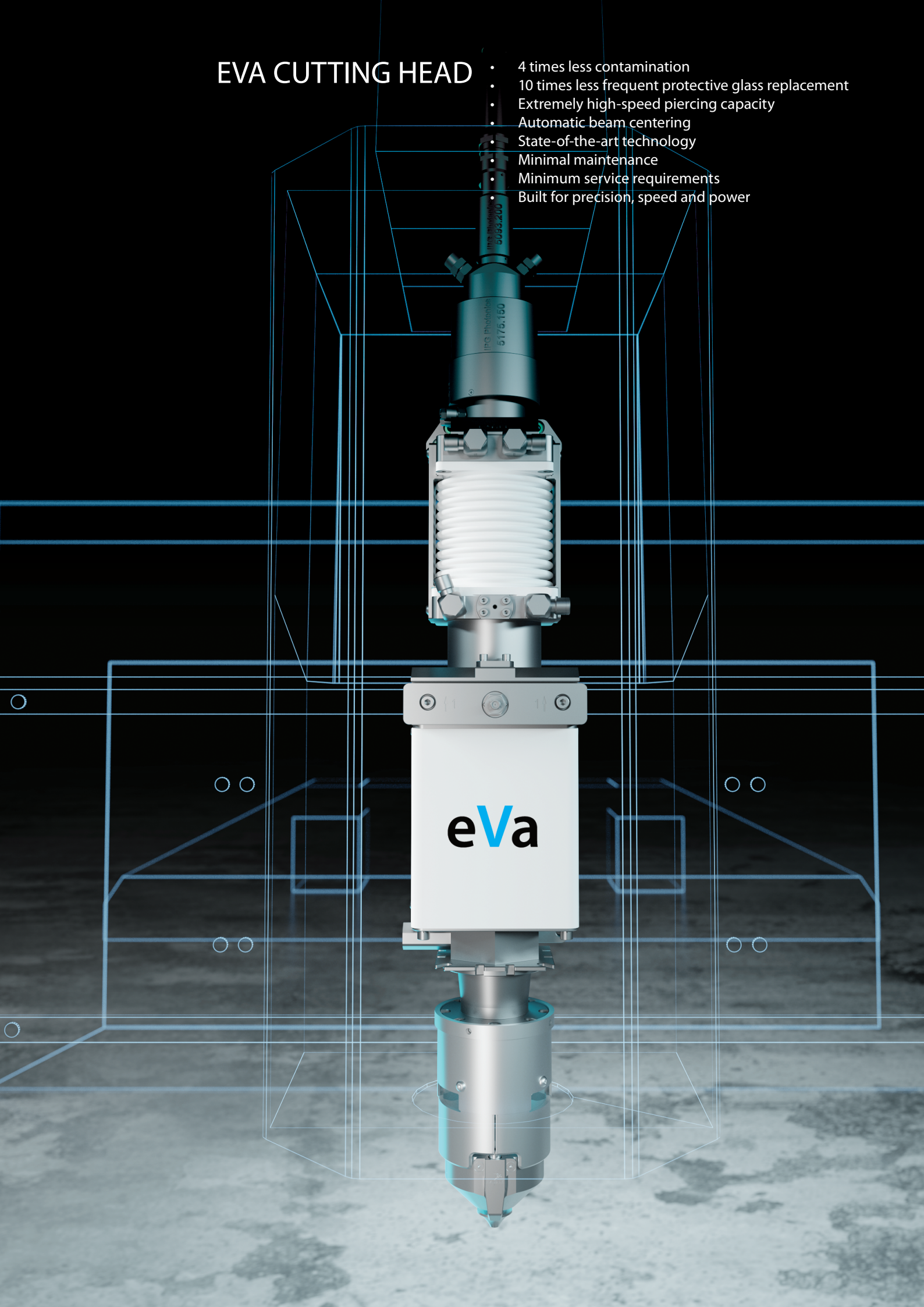
- Fiber laser source
- Linear motors on all axes
- Advanced composite material body structure
- Lightweight carbon fiber traverse
- eVa cuting head
- Ultra-fast 9-second pallet changer

MACHINE MODEL	[um]	1530	2040	2060	2560	2580	3080	25120	30120	25160	30160
X AXIS	[mm]	3060	4060	6060	6060	8070	8070	12090	12090	16110	16110
Y AXIS	[mm]	1540	2040	2040	2540	2598	3098	2598	3098	2598	3098
Z AXIS	[mm]	100	100	100	100	150	150	150	150	150	150
MAX. SHEET WEIGHT	[kg]	1000	1600	2400	3000	9600	11520	14400	17280	19200	23040

MACHINE MODEL	[um]	1530	2040	2060	2560	2580	3080	25120	30120	25160	30160
LENGTH	[mm]	10000	11200	14000	14000	22550	22550	31330	31330	41000	42000
WIDTH	[mm]	3080	4100	4100	4750	4500	5000	4500	5770	4600	5900
HEIGHT	[mm]	3060	3060	3060	3060	2700	2700	2750	2850	2800	2900
WEIGHT	[t]	18	22	36	39	52	72	81	99	101	124

EVA CUTTING HEAD

- 4 times less contamination
- 10 times less frequent protective glass replacement
- Extremely high-speed piercing capacity
- Automatic beam centering
- State-of-the-art technology
- Minimal maintenance
- Minimum service requirements
- Built for precision, speed and power



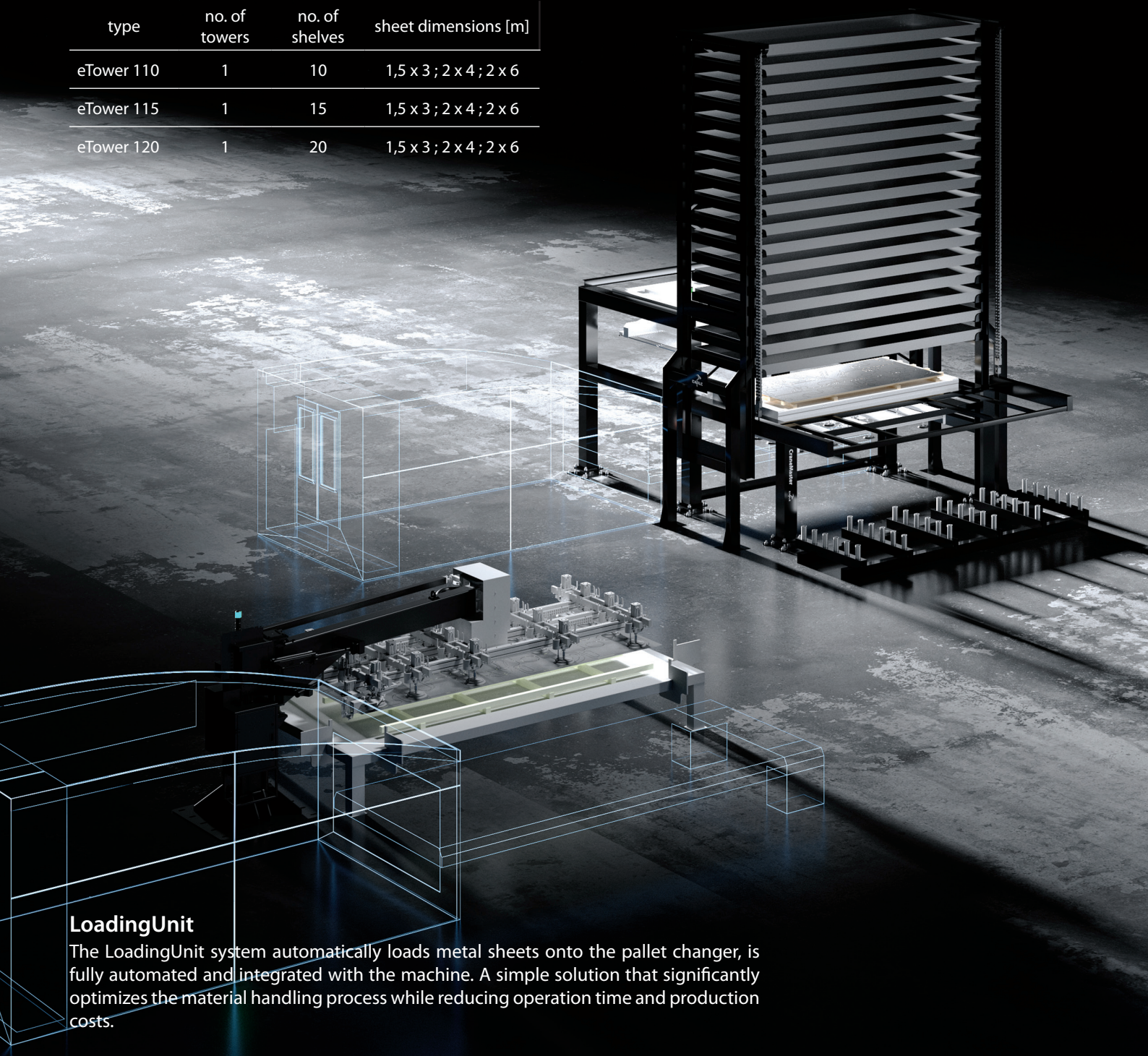
Automation

eTower 1

A single storage tower equipped with a loading/unloading station and universal shelves that can be used for raw material as well as for cut parts and remnants. Thanks to its compact construction, it optimizes storage space and stock management.

TECHNICAL DATA

type	no. of towers	no. of shelves	sheet dimensions [m]
eTower 110	1	10	1,5 x 3 ; 2 x 4 ; 2 x 6
eTower 115	1	15	1,5 x 3 ; 2 x 4 ; 2 x 6
eTower 120	1	20	1,5 x 3 ; 2 x 4 ; 2 x 6



LoadingUnit

The LoadingUnit system automatically loads metal sheets onto the pallet changer, is fully automated and integrated with the machine. A simple solution that significantly optimizes the material handling process while reducing operation time and production costs.

TECHNICAL DATA

cycle time	55s
max. sheet size	1,5m x 3m; 2m x 4m
max. sheet	25mm

eTower 2

The eTower 2 is a two-tower warehouse system which can be equipped with a different number of shelves according to the customer's requirements. It optimises storage process logistics and material preparation, and guarantees high storage density.

TECHNICAL DATA

type	no. of towers	no. of shelves	sheet dimensions [m]
eTower 226	2	26	1,5 x 3 ; 2 x 4 ; 2 x 6
eTower 236	2	36	1,5 x 3 ; 2 x 4 ; 2 x 6
eTower 246	2	46	1,5 x 3 ; 2 x 4 ; 2 x 6

CraneMaster

The CraneMaster system was designed for loading/unloading material and cut parts. Thanks to its highly efficient cycle time and the capacity to simultaneously load and unload material, it secures a constant supply and contributes to the cost-effectiveness of the production process.

TECHNICAL DATA

cycle time	65s
max. sheet size	1,5m x 3m; 2m x 4m; 2m x 6m
max. sheet	25mm

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EAGLE LASERS

FIBER LASER CUTTING TECHNOLOGY

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