Logi**Tower**Loader

AUTOMATION
OF SHEET METAL
CUTTING AND STORAGE

Logi**Tower**Loader

logitower.eu

DESIGN AND PRODUCTION

TYPE A

LogiTowerLoader
LOGITOWER LOADER

loading station

working table
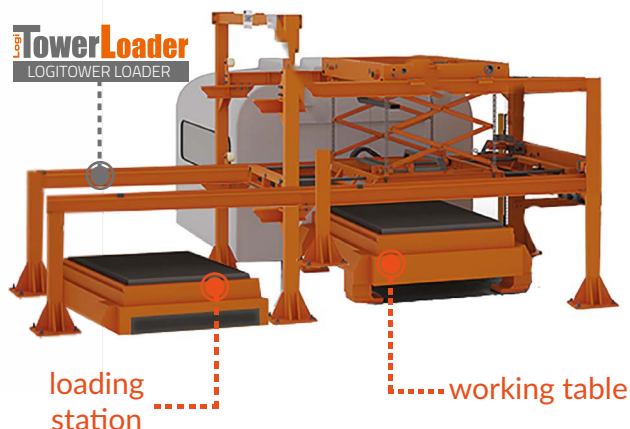
TowerLoader **StandAlone** without an automated sheet storage tower, to supply single metal sheets to a cutting center such as the FIBER laser machines. This version is available for different sheet sizes: 3015, 4020, and 6020. This module consists of the suction frame with suction cups, for the handling of the unprocessed sheet, and rake arms, working independently, located above the laser table, for conveying cut sheets. The Logitower Loader can also pick up finished parts from the scrap skeleton and set them down to a separate slot on the stacking and receiving station. The system can be expanded and integrated with the LogiTower storage system.

TYPE B

LogiTower
LOGITOWER
SHEET METAL STORAGE

cutting center

LogiTowerLoader
LOGITOWER LOADER
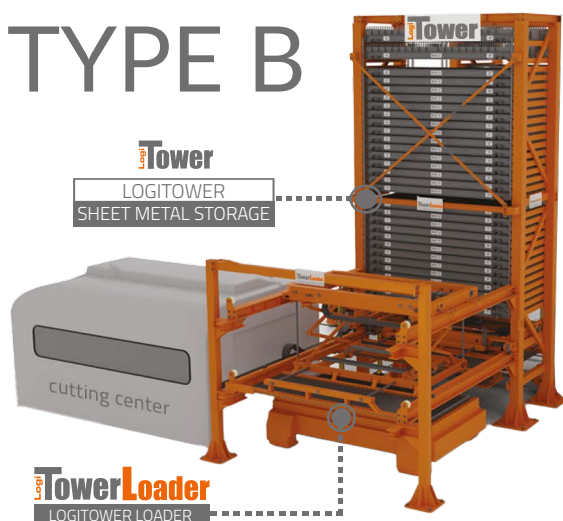
TowerLoader **+ LogiTower sheet metal storage** allows sheet metal to be stored and loaded for the cutting process automatically. The system consists of one Loader loading and unloading unit equipped with vacuum/suction frame and rake arms for handling metal sheet and sorted out cut parts. This version is available also for sheet metal: 3015, 4020, and 6020. The robust design provides high storage and material handling capabilities.

TYPE C

cutting center
LASER

LogiTowerLoader
LOGITOWER LOADER

LogiTower
MULTI
MULTI-TOWER STORAGE
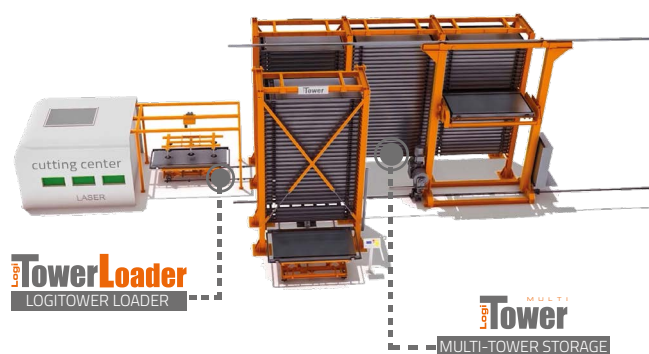
TowerLoader **+ MultiLogitower sheet metal storage** is a system for advanced manufacturing environments. The system uses independent loading and unloading functions also equipped with a vacuum lift with suction cups and additionally works independently rake arms. The systems are available for metal sheet sizes: 3015, 4020, and 6020 which can be stored in MultiLogiTower sheet metal warehouse/storage system with high capacity and performance, ensuring production logistics at the highest level. The system supports multiple cutting stations, delivering sheet metal according to orders from a superior IT management system.
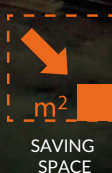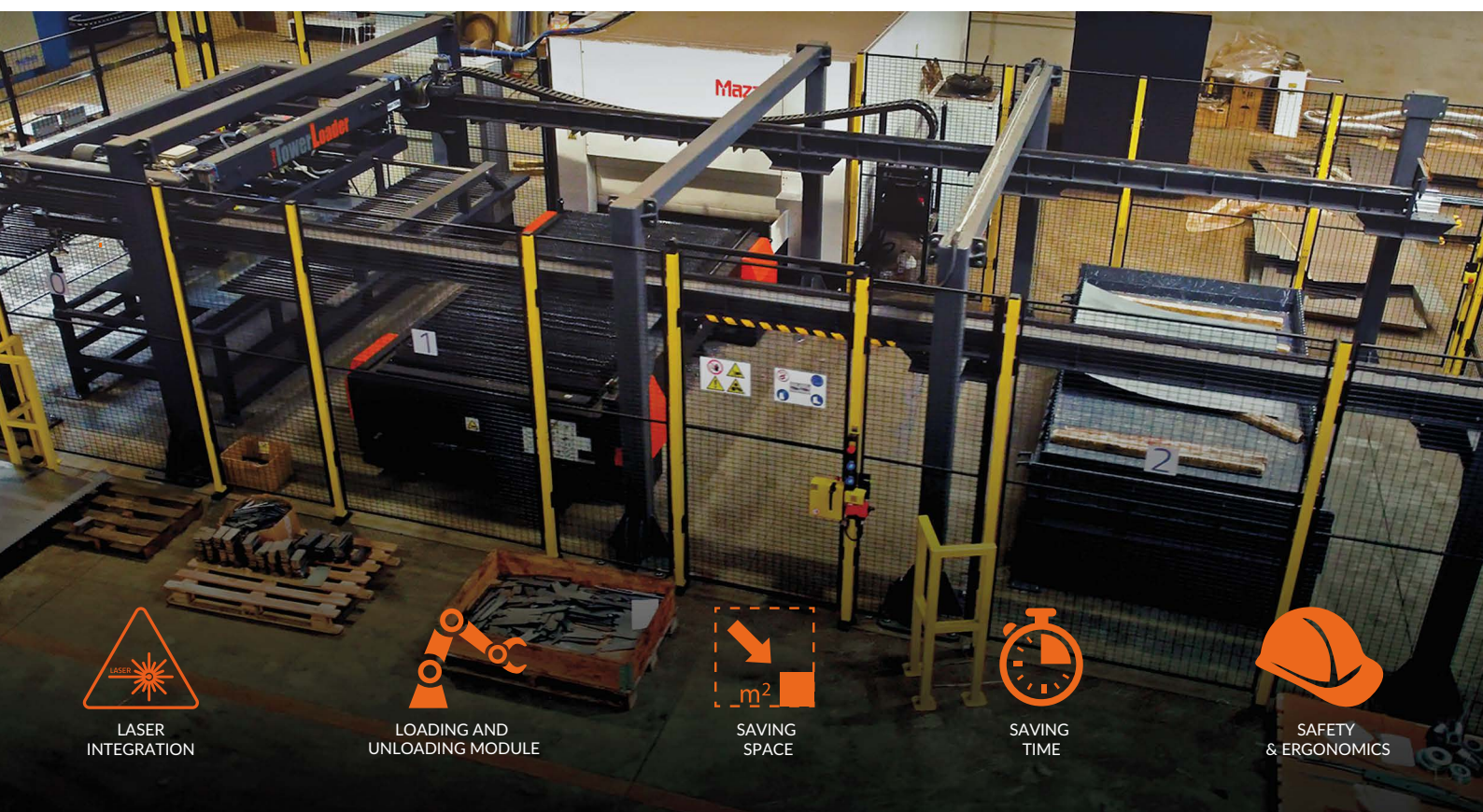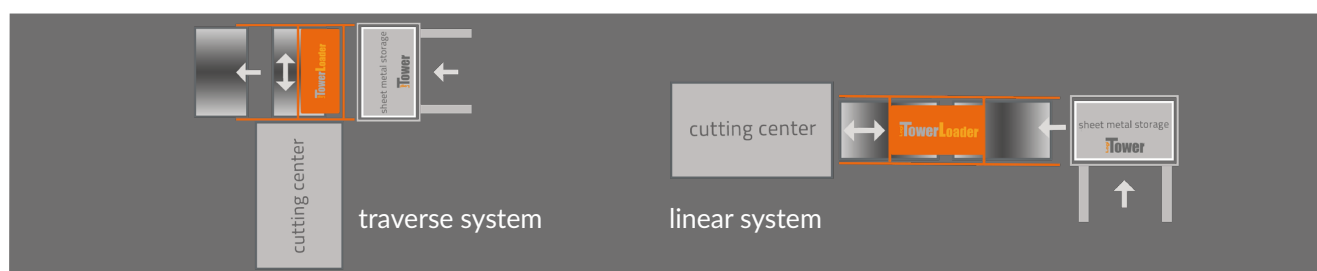
Additional equipment:
- SCRATCH PROTECT – forks covered with a material that reduces the possibility of scratching metal sheets
- AIR SEPARATOR – support system for dismantling/delamination thin or heavily glued sheets

Technical data

type	Loader 3015	Loader 4020	Loader 6020
sheet size	3 x 1,5 m	4 x 2 m	6 x 2 m
sheet weight	900 kg	1600 kg	2300 kg
max. sheet thickness	25 mm	25 mm	25 mm

Setup options

traverse system

linear system

LASER INTEGRATION

LOADING AND UNLOADING MODULE

SAVING SPACE

SAVING TIME

SAFETY & ERGONOMICS

automated warehouses & production logistics

Logi Tower

Logi TowerLoader

Logi Comb

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