



STRAIGHTENING BENCHES



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106/UNIVERSAL JIG

The most advanced Structural Repair Workstation



**REPAIR BACK TO OEM STANDARDS**

All types of vehicle: Past, present, future

All types of damage: Small, medium, large

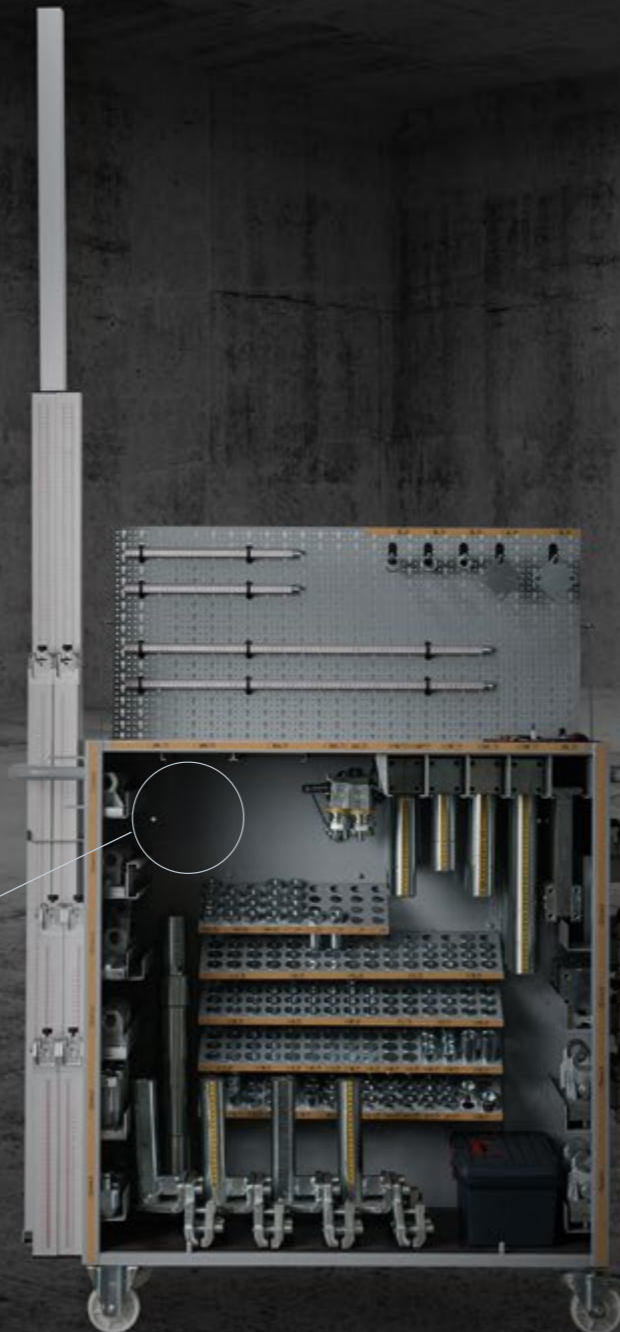
**3D REPAIR**

The Spanesi Universal Jig system is a sophisticated 3 dimensional repair platform that allows restoration of any vehicle back to OEM standards.

Throughout the entire process, repairs are precise, accurate and efficient.

Length, width and height values are all returned to original specifications. Downward and upward thrusting ensure a complete and efficient repair.

No optional equipment necessary. The movable universal jig trolley contains all of the items needed to repair current and future vehicles.

**GEAR DRIVEN RACKS**

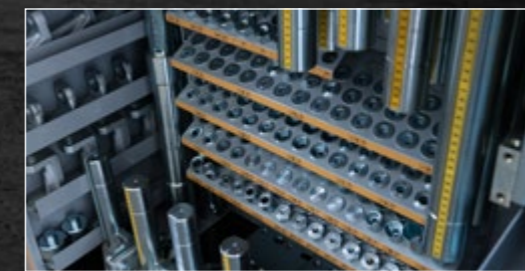
Easy vehicle movement on the bench

**GEAR DRIVEN FIXTURES**

Move the vehicle structure up or down at every jig mounting point

**FAST, ACCURATE AND EFFICIENT**

At the same time: Mounting, pulling, measuring

**COMPLETE FIXTURING SYSTEM**Repair current and future vehicles
Utilizing the provided universal jig system

WINSTAR SOFTWARE

The universal jig datasheets are displayed in 3D, thus allowing an easy and intuitive analysis.

- Complete database
- 3D vehicle drawings
- Templates and vehicle profiles
- Twice yearly updates
- Updates available via the Spanesi website

**LOADING TROLLEY**

Allows the vehicle to be perfectly centered on the bench.

**MCPHERSON MEASURING SYSTEM**

Easy control of struts and suspension parts. The McPherson Measuring System can also be used on external points (such as door hinges and pillars).

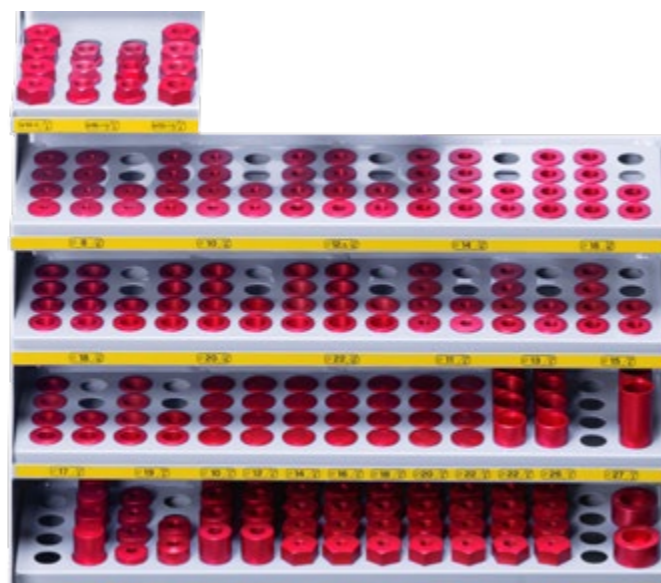


SET OF SPECIAL HARDENED BOLTS

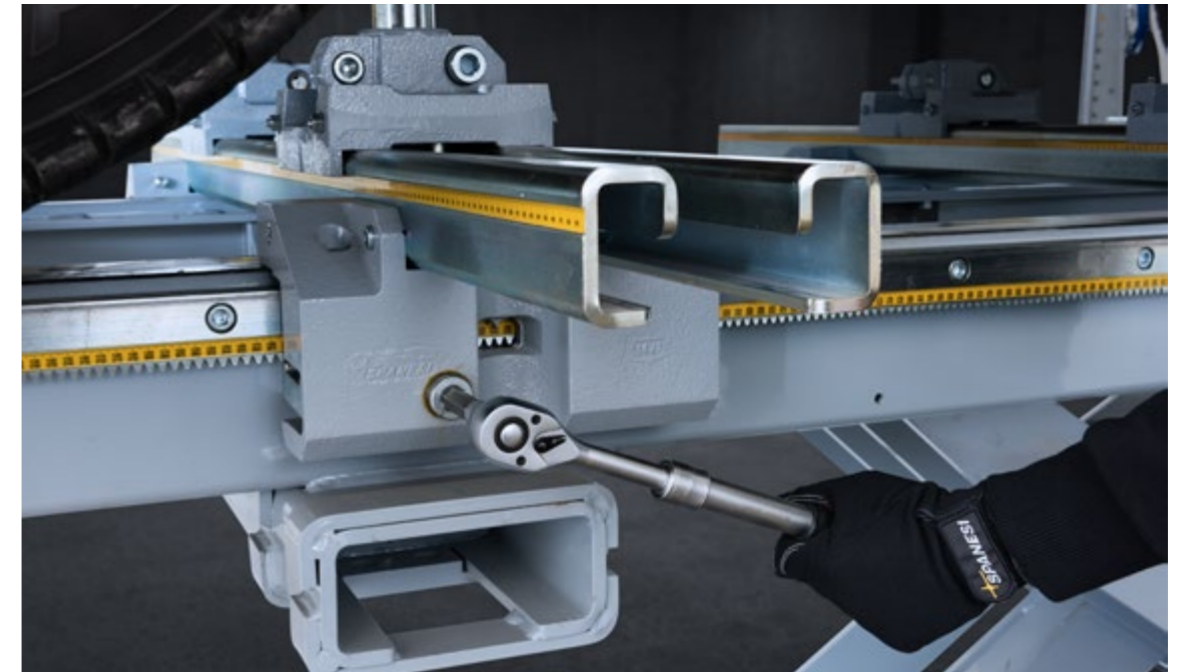
Hardened bolts are provided for anchoring the vehicle during repair procedures.

**ADAPTORS FOR ALUMINUM VEHICLES**

Ergal aluminum adaptors to prevent cross-contamination during repairs to aluminum vehicles.

**GEAR DRIVEN RACK AND FIXTURES**

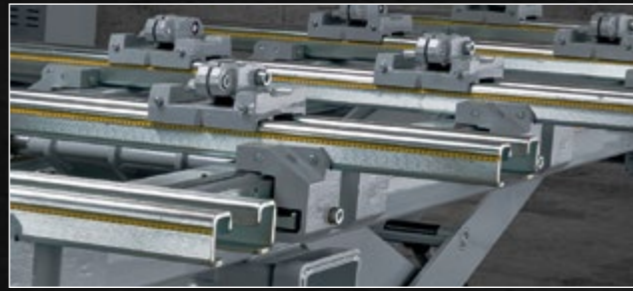
Provides smooth and effortless movement of the vehicle from end-to-end on the bench for alignment and straightening processes. Upward pushes and downward pulls are simple to perform and requires minimal physical exertion.



MAJOR DAMAGE AND STRUCTURAL REPAIR

The 106 is a structural repair workstation that is capable of performing minor to major structural repair operations.

The 106 has been designed to stand up to the most intense pulling stresses; this is accomplished through the utilization of the most durable materials available, in order to maintain its performance throughout the years.



EFFORTLESS

Crossbars designed to always stay on the bench



PULLING COLUMN

10 Tons of Pulling force
Pulling 360 Degrees
12 bench mounting locations



POWERFUL

Vertical pulling column
Capable of multiple pulling directions
Without the loss of pulling power

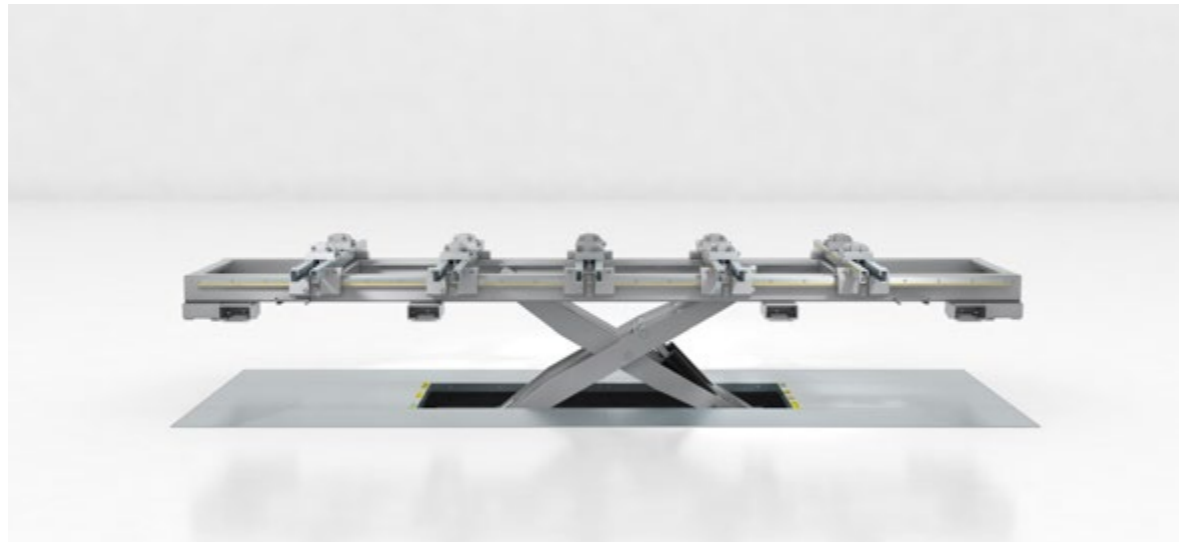


LENGHT	4/5 m
WIDTH WITH UNIVERSAL JIG	1,8 m
LIFTING CAPACITY	5000 kg
LIFTING HEIGHT	1,6 m
PULLING FORCE	10 ton

The 106 is equipped with removable wheels to allow the movement of the bench within the collision repair facility.

106 PLUS

106 EXT



INFLOOR INSTALLATION

The 106 PLUS is designed to be installed below the floor surface to enable maximum floor space within collision repair facility.

Loading and unloading vehicles is fast and efficient without the need for vehicle ramps.

LENGTH	4/5 m
WIDTH WITH UNIVERSAL JIG	1,8 m
LIFTING CAPACITY	5000 kg
LIFTING HEIGHT	1 m
PULLING FORCE	10 ton



FOR LARGE AND COMMERCIAL VEHICLES

The 106 EXT is designed for longer vehicles. With length of 6 metre, it is suitable for work on vans, light and medium duty trucks, SUVs and minivans.

The pulling column can be mounted in 12 locations surrounding the bench and delivers pulling capabilities at 360° around the vehicle.

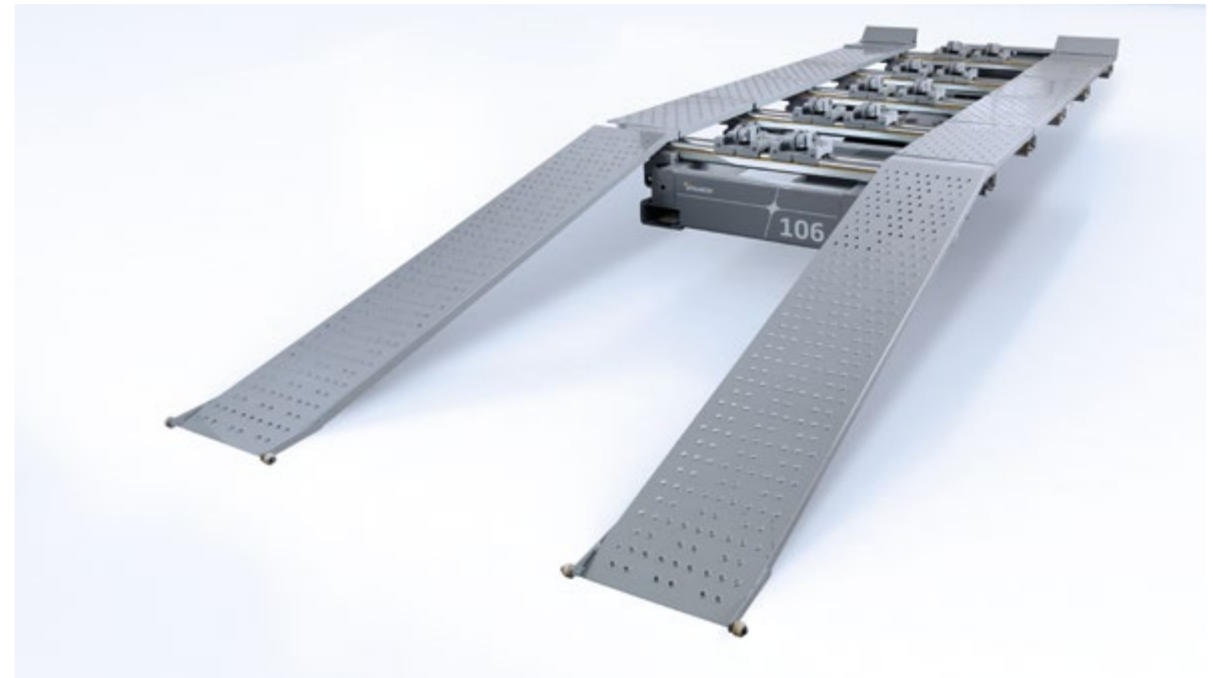
LENGTH	6 m
WIDTH WITH UNIVERSAL JIG	1,8 m
LIFTING CAPACITY	5000 kg
LIFTING HEIGHT	1 m
PULLING FORCE	10 ton

PULLING COLUMN

Quickly and automatically locks into the bench without the aid of hammers or spanners. The Pulling Column has a 10 ton direct pulling capacity.

**LOADING RAMPS**

Heavy-duty, removable ramps allowing for easy loading and unloading of the vehicle.

**CONTROL BOX**

The electro-hydraulic control box is moveable for ideal placement within the facility. The dual-action scissor lifting has a loading capacity of 5000kg and 1.6 metre-lifting height (1m for the 106 EXT version).



90BRTEL001 - TELESCOPIC PULLING ARM ATTACHMENT ACCESSORY

Enables the attachment of an additional piston for pulling and counter-pulling to 106 Series benches.

90KITTIR01 - PULLING KIT FOR TELESCOPIC ARM

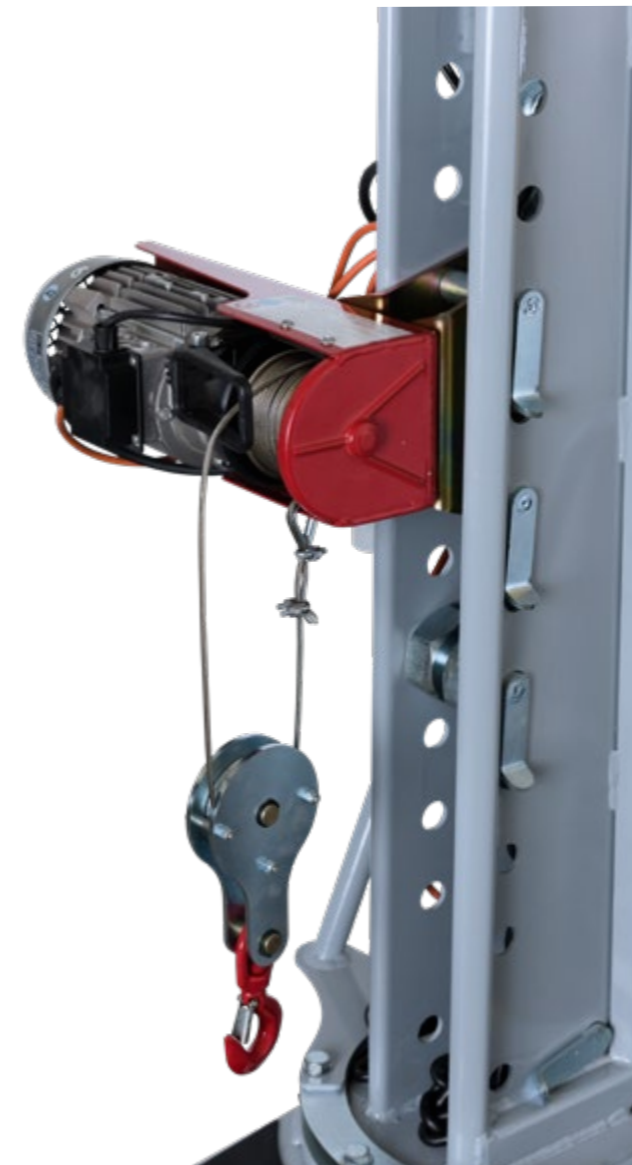
Telescopic arm complete with pneumatic-hydraulic pump, piston, chain and hook.

**90VERSTM01 - ELECTRIC WINCH**

Allows the loading of a non-drivable vehicle.

90VERSTM03 - HEAVY DUTY ELECTRIC WINCH

Heavy duty winch for loading larger vehicles.

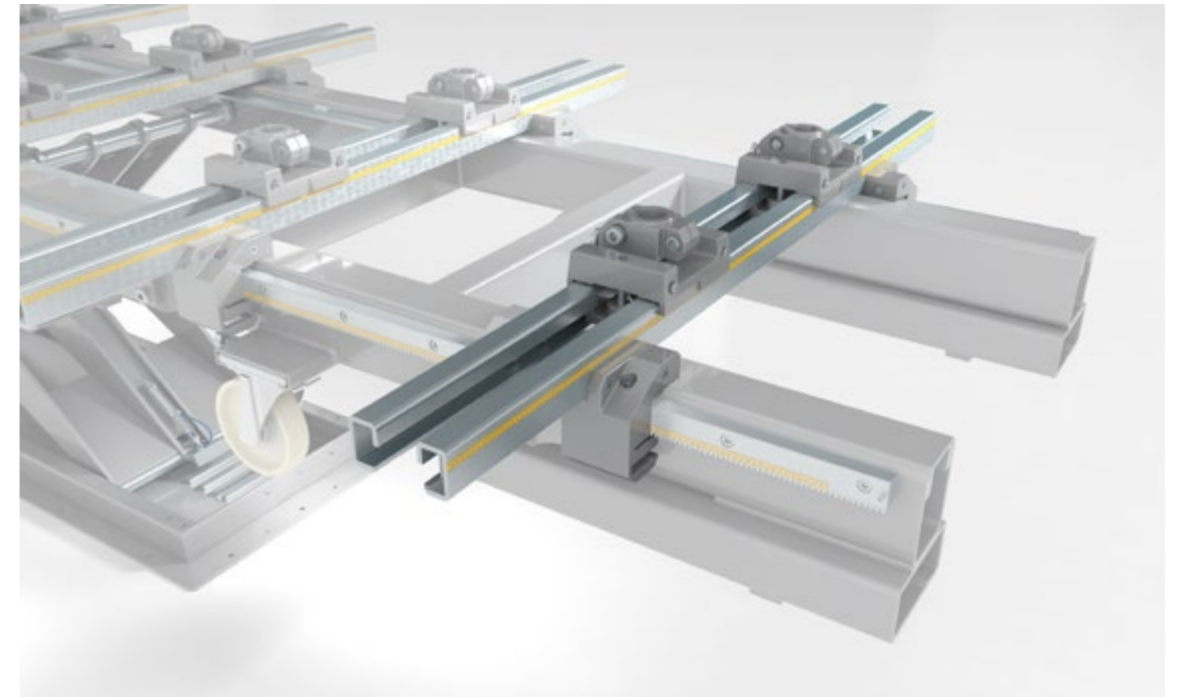


90RINV01 - DOWN-PULL ADAPTOR

Allows vertical downward pulling.

**90TRST02 - CROSSBAR**

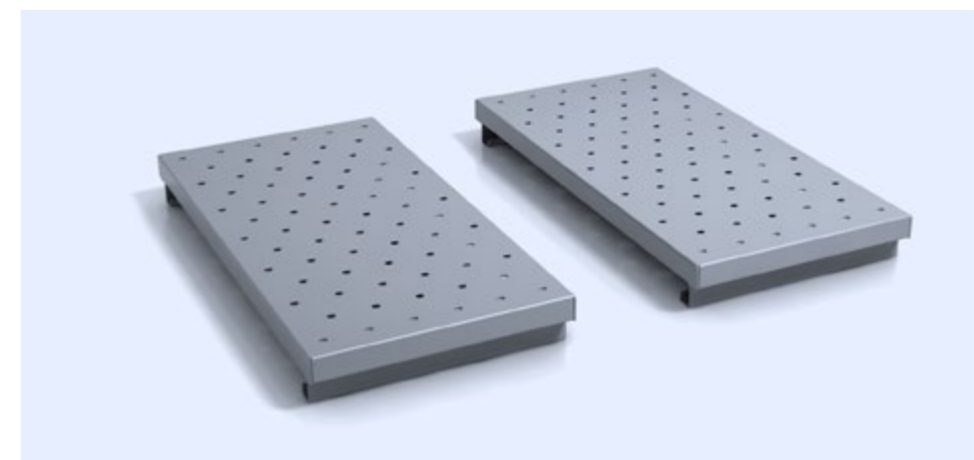
Crossbar for additional anchoring locations.

**90STARSUP1 - WALL MOUNTS FOR PLATFORMS**

Mounts for hanging platforms onto the wall to keep the work environment organized.

**90202580 - PLATFORMS FOR THE OPTIONAL SIXTH CROSSBAR**

An set additional platforms for use with additional crossbars (sold separately).



100TB | 4-5 METERS

- Bench
- Pulling Column
- 2 Crossbars
- 4 Clamps



106 | 4-5-6 METERS

- Bench
- Pulling Column
- Universal Jig
- McPherson
- Loading Trolley
- Positioning and Ascending Ramps



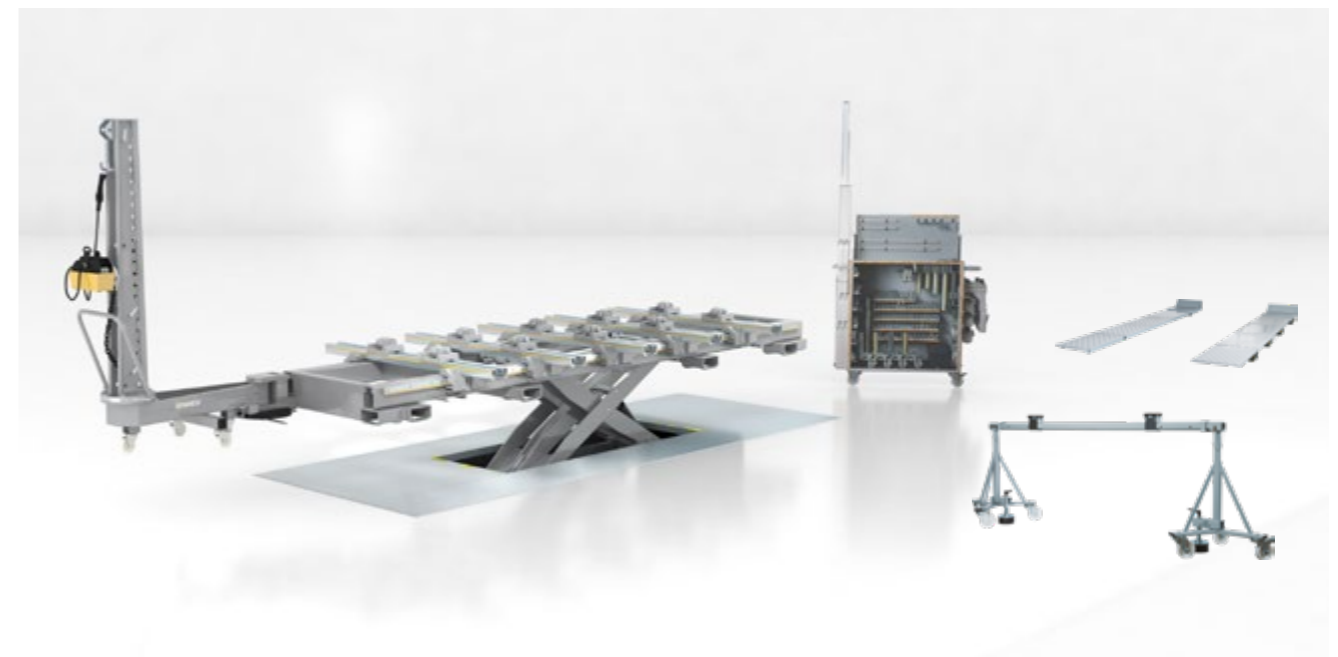
102 | 4-5 METERS

- Bench
- Pulling Column
- Universal Jig
- McPherson



106 PLUS | 4-5 METERS

- Infloor Bench
- Pulling Column
- Universal Jig
- McPherson
- Loading Trolley
- Positioning Ramps



Performance and Design