STRAIGHTENING BENCHES
106/UNIVERSAL JIG

The most advanced Structural Repair Workstation
UNIVERSAL JIG

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.

REPAIR BACK TO OEM STANDARDS
All types of vehicle: Past, present, future
All types of damage: Small, medium, large

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

GEAR DRIVEN RACKS
Easy vehicle movement on the bench

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

FAST, ACCURATE AND EFFICIENT
At the same time: Mounting, pulling, measuring
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 Sponesi 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.

| LENGTH | 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

INFLOW 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 |

106 EXT

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

PULLING COLUMN

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).

CONTROL BOX

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

LOADING RAMPS
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>90BRTEL001</td>
<td>TELESCOPIC PULLING ARM ATTACHMENT ACCESSORY</td>
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<tr>
<td></td>
<td>Enables the attachment of an additional piston for pulling and counter-pulling to 106 Series benches.</td>
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<tr>
<td>90KITTIR01</td>
<td>PULLING KIT FOR TELESCOPIC ARM</td>
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<tr>
<td></td>
<td>Telescopic arm complete with pneumatic-hydraulic pump, piston, chain and hook.</td>
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<tr>
<td>90VERSTM01</td>
<td>ELECTRIC WINCH</td>
</tr>
<tr>
<td></td>
<td>Allows the loading of a non-drivable vehicle.</td>
</tr>
<tr>
<td>90VERSTM03</td>
<td>HEAVY DUTY ELECTRIC WINCH</td>
</tr>
<tr>
<td></td>
<td>Heavy duty winch for loading larger vehicles.</td>
</tr>
</tbody>
</table>
90RINV01 - DOWN-PULL ADAPTOR
Allows vertical downward pulling.

90STARSUP1 - WALL MOUNTS FOR PLATFORMS
Mounts for hanging platforms onto the wall to keep the work environment organized.

90TRST02 - CROSSBAR
Crossbar for additional anchoring locations.

90202580 - PLATFORMS FOR THE OPTIONAL SIXTH CROSSBAR
An additional set of platforms for use with additional crossbars (sold separately).
**SETUPS**

**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