

# WS XPress1000<sup>SC</sup>



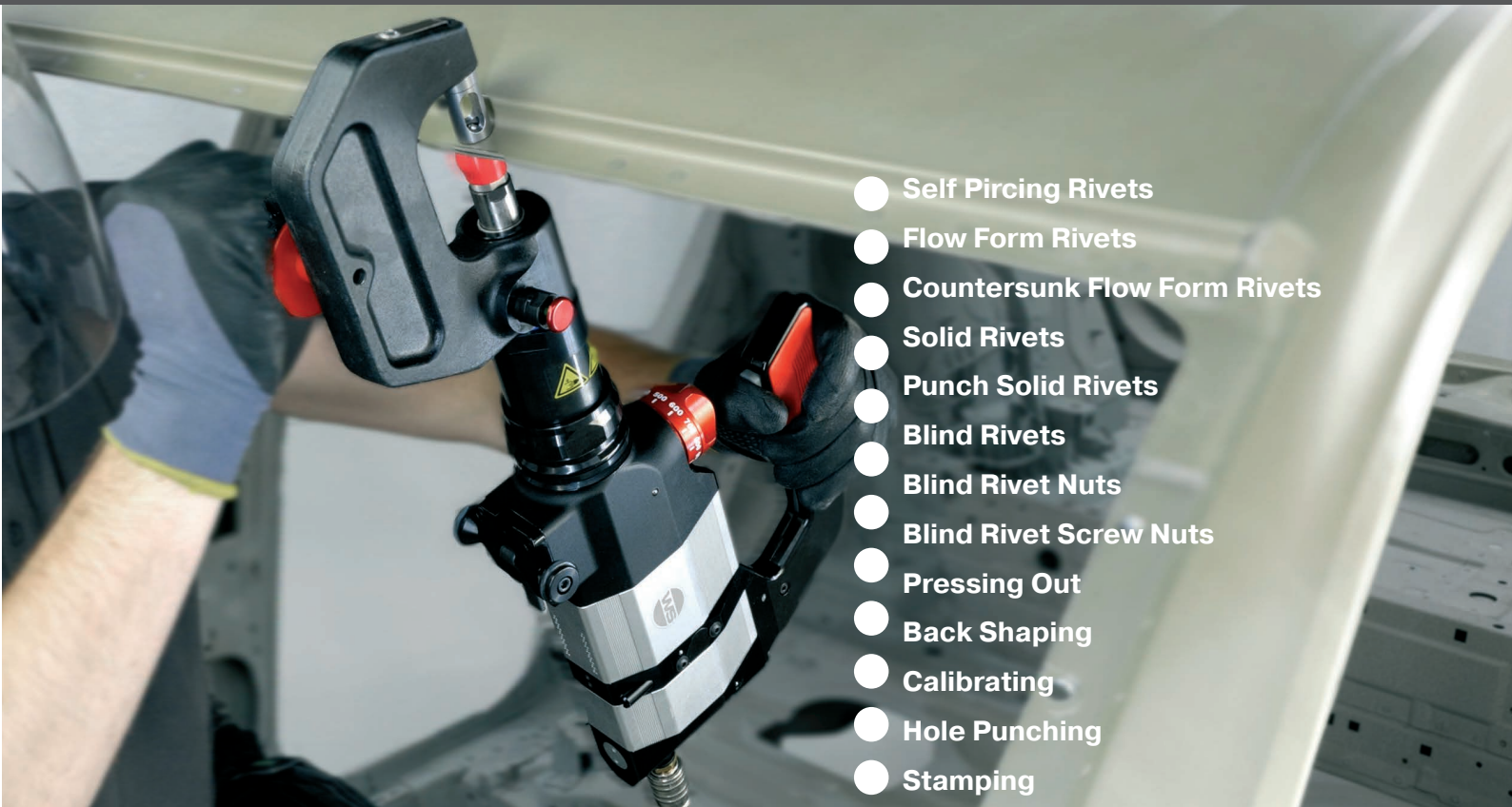
MODULAR RIVETING SYSTEM FEATURING  
ADVANCED PRESSURE REGULATION

MADE IN GERMANY

**FASTER**

**STRONGER**

**MORE PECISE**



- Self Piercing Rivets
- Flow Form Rivets
- Countersunk Flow Form Rivets
- Solid Rivets
- Punch Solid Rivets
- Blind Rivets
- Blind Rivet Nuts
- Blind Rivet Screw Nuts
- Pressing Out
- Back Shaping
- Calibrating
- Hole Punching
- Stamping



The **XPress 1000 SC** is a compact, powerful, and exceptionally reliable **Impact Riveting Unit**, designed for high-speed processing of rivets with outstanding setting force.

Its innovative, user-friendly **Secondary-Side Force Adjustment** sets it apart from other systems, offering greater flexibility and **Precise Control** of the riveting process. Suitable for both repair and production environments, the **XPress 1000 SC** ensures **accurate, efficient, and time-saving workflows**.

A key feature is the patented **Smart Control function**, which enables a **controlled, force-free fast feed**:

**Fast feed** – the tool quickly approaches the workpiece without applying force.

**Working feed** – once in position, the pressing or pulling operation is executed with full setting force.



This controlled transition allows **precise and safe tool positioning**, especially for sensitive riveting applications.

Thanks to the simple **Quick-Coupling System** and full compatibility with the XSeries family of riveting tools from WS Wieländer + Schill, the XPress 1000 SC covers the entire **range of riveting repair technology**.

### „SMART CONTROL“ FEATURE

### ADJUSTMENT OF FORCE ON THE SECONDARY CIRCUIT



### QUICK COUPLING SYSTEM



## PowerPack | XPress 1000 SC

Item no. 700090

As the central unit of the **XSeries**, the **PowerPack SC** combines the functions of **pressure generation, control, setting monitoring, and safety**.

The **PowerPack SC** is a compact, pneumatically-hydraulically driven pressure intensifier equipped with a two-stage high-pressure pump.

A **primary air pressure of 8 bar** generates a hydraulic **secondary pressure of 1000 bar**.

Its ergonomic design allows effortless and process-safe execution of all operations.

Thanks to full compatibility with the **XSeries**, the new PowerPack can be combined with all existing tool sets.



**MADE IN GERMANY**

Length	Width	Height	Weight	PB max	OIL Volumen
247 mm	78 mm	228 mm	3,25 kg	1000 bar	120 cm <sup>3</sup>

## XPress 1000 SC | Basic Set

Item no. 700000SC

XPress 1000 SC basic set for removal and installation of Self Piercing Rivets with diameters of 3 mm and 5 mm.

Scope of delivery:

- 1 x 700090 PowerPack | XPress 1000 SC
- 1 x 700060 SSC 35/25 Short stroke cylinder
- 1 x S700070 C-Arm GC 80/40
- 1 x 700200 Tool Box RS-03 | BMW
- 1 x 881341 Handle for Fix Magnets & C-Arms | red
- 1 x 700801 Box for rivets/mouth pieces/small parts | empty
- 1 x Transport case
- 1 x Instruction manual



## XPress 1000 SC | Standard Set

Item no. 700001SC

XPress 1000 SC standard set with with additional C-arms with larger working range for removal and installation of self piercing rivets with diameters of 3 mm and 5 mm.

Scope of delivery:

- 1 x 700090 PowerPack | XPress 1000 SC
- 1 x 700060 SSC 35/25 Short stroke cylinder
- 1 x S700070 C-Arm GC 80/40
- 1 x 700080SC C-Arms | 4-piece set (S700071+S700072)
- 1 x 700200 Tool Box RS-03 | BMW

- 1 x 700801 Box for rivets/mouth pieces/small parts | empty
- 1 x Transport case
- 1 x Instruction manual



## XPress 1000 SC | Full Set

Item no. 700002SC

XPress 1000 SC Full Set for the removal and installation of Self Piercing Rivets and the installation of blind rivets and blind rivet nuts.

Scope of delivery:

- 1 x 700090 PowerPack | XPress 1000 SC
- 1 x 700060 SSC 35/25 Short stroke cylinder
- 1 x 700100 BR 20 Blind rivet adapter
- 1 x 700101 BR 50 Blind rivet adapter
- 1 x 700110 BRN 50 Blind rivet nut adapter
- 1 x S700070 C-Arm GC 80/40
- 1 x 700080SC C-Arms | 4-piece set (S700071+S700072)
- 1 x 700200 Tool Box RS-03 | BMW
- 1 x 700201 Tool Box RS-04 | BRN
- 1 x 881341 Handle for Fix Magnets & C-Arms | red
- 1 x 700801 Box for rivets/mouth pieces/small parts | empty
- 1 x Transport case
- 1 x Instruction manual



## XPress 1000 SC PushPull | Basic Set MB 1

Item no. 700003SC

Modular riveting system with a force-supporting retraction cylinder for punching hard and ultra-hard structural parts and for:

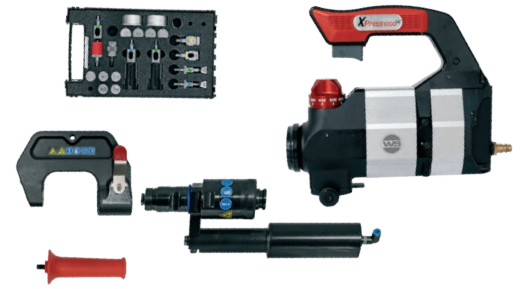
- Extraction of Self Piercing Rivets
- Installation of Flow Form Rivets
- Installation of Solid Self Piercing Rivets
- Backshaping
- Calibration

Scope of delivery:

- 1 x 700090 XPress 1000 SC PowerPack
- 1 x 700105 PushPull PP 90 | retraction cylinder
- 1 x S700070 C-arm GC 80/40
- 1 x 700205 Tool Box RS-07 | Mercedes-Benz
- 1 x 881341 Handle for Fix Magnets & C-Arms | red
- 1 x Transport case
- 1 x Instruction manual

Mercedes-Benz  
tested and approved

# PushPull



## XPress 1000 SC PushPull | Standard Set

Item no. 700006SC

Modular riveting system with a force-supporting retraction cylinder for punching hard and ultra-hard structural parts and for:

- Extraction of Self Piercing Rivets
- Installation of Flow Form Rivets
- Installation of Solid Self Piercing Rivets
- Backshaping
- Calibration

Scope of delivery:

- 1 x 700090 XPress 1000 SC Power Pack
- 1 x 700105 PushPull PP 90 | retraction cylinder
- 1 x S700070 C-arm GC 80/40
- 1 x 700080SC C-arm | 4 pcs Set (S700071+S700072)
- 1 x 700205 Tool Box RS-07 | Mercedes-Benz
- 1 x 881341 Handle for Fix Magnets & C-Arms | red
- 1 x Transport case
- 1 x Instruction manual

Mercedes-Benz  
tested and approved

# PushPull



## XPress 1000 SC PushPull | Full Set MB 3

Item no. 700005SC

Modular riveting system with a force-supporting retraction cylinder for punching hard and ultra-hard structural parts and for:

- Extraction of Self Piercing Rivets
- Installation of Flow Form Rivets
- Installation of Solid Self Piercing Rivets
- Installation of blind rivets
- Installation of blind rivet nuts
- Backshaping
- Calibration

Scope of delivery:

- 1 x 700090 XPress 1000 SC Power Pack
- 1 x 700105 PushPull PP 90 | retraction cylinder
- 1 x 700100 BR 20 blind rivet adapter
- 1 x 700101 BR 50 blind rivet adapter
- 1 x 700110 BRN 50 blind rivet nut adapter
- 1 x S700070 C-arm GC 80/40
- 1 x 700080SC C-arm | 4 pcs Set (S700071+S700072)
- 1 x 881341 Handle for Fix Magnets & C-Arms | red
- 1 x 700205 Tool Box RS-07 | Mercedes-Benz
- 1 x 700201 Tool Box RS-04 | BRN 50
- 1 x Transport case
- 1 x Instruction manual

Mercedes-Benz  
tested and approved

# PushPull



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