



MV Marketing und Vertriebs-GmbH & Co.KG

# Wieländer+Schill

Professionelle Karosserie-Spezialwerkzeuge

# XPRESS 800







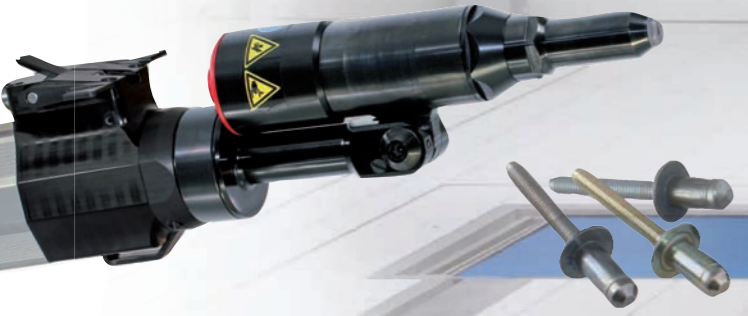
### Innovative Riveting System



XPress 800 with blind rivet adapter BR 20



XPress 800 with blind rivet adapter BR 50



XPress 800 with blind rivet nut adapter BRN 50



*We want to make it easier for you!*

Engineered and Designed by  
**WSE** engineering





**MODULE 1**  
C-arm GC 80/40  
Art N° 700070



Self  
Piercing

Rivets



**MODULE 2**  
C-arm GC 80/120  
Art N° 700071



Flow Form  
Rivets  
Aluminium



Steel



**MODUL 3**  
C-arm GC 140/240  
Art N° 700072







Pop Rivets



## MODULE 4

Blind Rivet Adapter BR 20  
Traction force 20 kN  
Weight 1 kg  
Art N° 700100



Blind Rivet Nuts



## MODULE 6

Blind rivet nut adapter BRN 50  
Traction force 50 kN  
Weight 1,65 kg  
Art N° 700111 (Set)



Tension bolts for blind rivet nuts  
M4, M5, M6, M8, M10 and M12



## MODULE 5

Blind Rivet Adapter BR 50  
Traction force 50 kN  
Weight 1,5 kg  
Art N° 700101



Blind Rivets



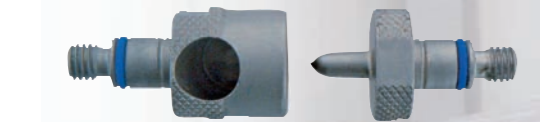




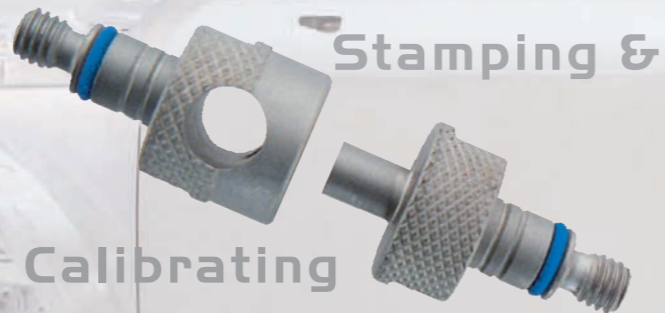
### MODULE 7

Tool Box with  
Extraction die  
Punch mandrel  
Calibration mandrel  
Die head  
Closing head  
Extraction die  
Extraction mandrel

### Rivets



Grouting

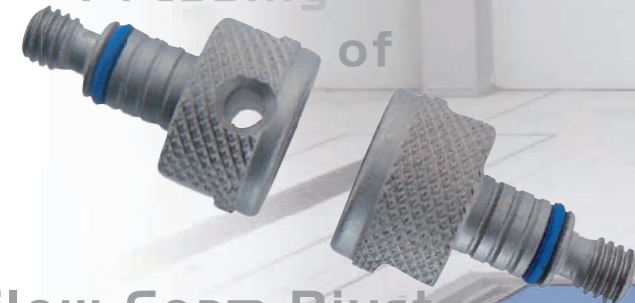


Stamping &

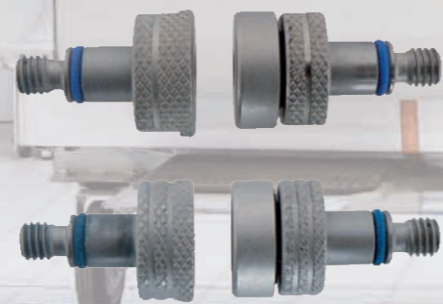
Calibrating

Pressing

of



Flow Form Rivet



Self Piercing Rivets



### WS XPress 800® POWER Control System

- ✓ Pressure Regulation Valve
- ✓ Speed Regulation

### WS XPress 800® Quick STOP Lever



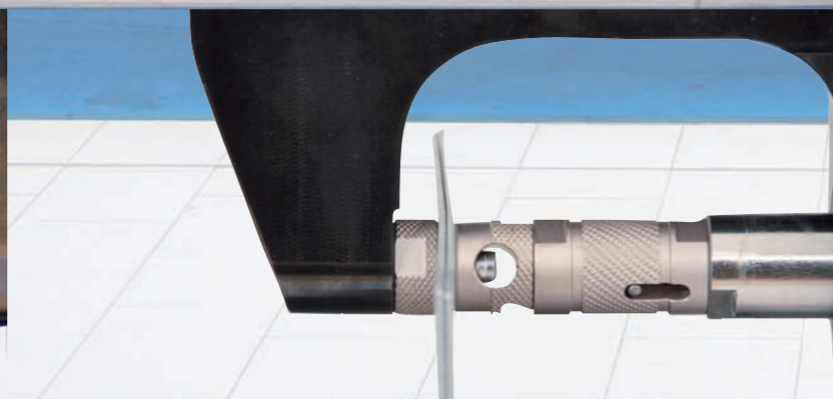
With this STOP key you can stop advancing the connected tool for possible corrections without releasing the pressure from the pump.

### WS XPress 800® QUICK Lock / Coupling



#### Technical Data

Hydraulic OIL - permitted	Hydraulic oils recommended DIN 51524 Type HPL 22 - HLP 36
Viscosity OIL	22 - 36 mm <sup>2</sup> /s at 40°C approx.
Capacity OIL	100 ccm
Vibration	< 2,5 m/s <sup>2</sup> ISO/FDIS B662-11
Air pressure max.	6 bar / 87 psi
Compressed air	Quality class 2 (ISO 8573-1)
Temperature	5 - 50 C° / 41 - 122°F
Noise	75 dB (A) LPAI
Vibration	< 2,5m/s <sup>2</sup> (ISO/FDIS B662-11)





## XPress 800 Basic SET

Modular riveting system with innovative pressure control for:

- Self-piercing rivets
- Flow form rivets
- Blind rivet
- Die cutting
- Blind rivet nuts

Scope of supply:

- 1 x XPress 800 Power Pack
- 1 x Short stroke cylinder SSC35/25
- 1 x C-arm GC 80/40
- 1 x Tool Box RS-03
- 1 x Transportation case
- 1 x Instruction manual

1 Set Item N° 700000



## XPress 800 Power Pack pneumatic-hydraulic

The power pack is a pneumatic – hydraulic pressure intensifier with two step high pressure pump. With an input of 6 bar air pressure it generates an output of 800 bar working pressure.

Length	259 mm	Weight	2,65 kg
Wide	56 (82) mm	PB max.	800 bar
Height	213 mm	OIL Volume	80 cm <sup>3</sup>

1 pc Item N° 700050



## XPress 800 Standard SET

Modular riveting system with innovative pressure control for:

- Self-piercing rivets
- Flow form rivets
- Blind rivet
- Die cutting
- Blind rivet nuts

Scope of supply:

- 1 x XPress 800 Power Pack
- 1 x Short stroke cylinder SSC35/25
- 1 x C-arm GC 80/40
- 1 x C-arm GC 80/120
- 1 x C-arm GC 140/240
- 1 x Tool Box RS-03
- 1 x Transportation case
- 1 x Instruction manual

1 Set Item N° 700001



Proposal for equipment

## XPress 800 Short Stroke Cylinder

SSC 35/25 Item N° 700060  
SSC 35/50 Item N° 700061

Length	144 / 169 mm	Stroke	25 / 50 mm
Diameter Ø	56 mm	Pressure max.	77 kN
PB max.	800 bar	Weight	1,4 kg

1 pc.



## C-arm 80/40

For self-piercing and flow-form rivets  
Working range 80 x 40 mm  
Weight 2 kg  
with safety bolt

1 pc. Item N° 700070



## C-arm 80/120

For self-piercing and flow-form rivets  
Working range 80 x 120 mm  
Weight 4 kg  
with safety bolt

1 pc. Item N° 700071



## C-arm SET

Scope of supply:

- 1 x C-arm GC 80/120
- 1 x C-arm GC 140/240
- 1 x Extension 93 mm
- 1 x Transportation case

1 Set Item N° 700080



## C-arm 140/240

For self-piercing and flow-form rivets  
Working range 140 x 240 mm  
Weight 10 kg  
with safety bolt and extension 93 mm

1 pc. Item N° 700072






### Tool Box RS-03

Riveting tool kit with Extraction mandrel and die, Punch and calibration die, Closing and die head flow form rivet 6 mm, Die and closing head Rivset Rivet 5 mm, Die and closing head Rivset Rivet 3 mm, Extraction mandrel and die long, Spacing adapter with nut and installation wrenches.

Stamps and dies are will fit for C-arm GC 80/40, GC 80/120 and GC 140/240

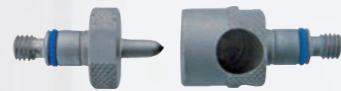
 1 Kit Item N° 700200



### SET Grouting


Type A1 + A2  
Labeling: blue, 1 ring (piston)

 1 SET Item N° 700221



### Spacing adapter with nut

Type F I  
Labeling: blue

 1 pc. Item N° 700220




### SET Grouting long

Type A3 + A4  
Labeling: blue, 1 ring (piston)

 1 SET Item N° 700222




### Threaded sleeve M6 (for Type F I)

 1 pc. Item N° 700786




### SET Punch and calibration

Type B1 + B2  
Labeling: blue, 2 rings (piston)

 1 SET Item N° 700223



### Installation wrenches

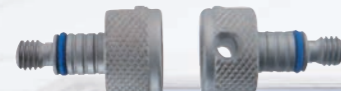
 1 pair Item N° 700299



### SET Flow form rivets Ø 6 mm


Type C1 + C2  
Labeling: blue, 3 rings (piston)

 1 SET Item N° 700224



### SET RivSet rivets Ø 5 mm

Type E1 + E2  
Labeling: blue, 2 rings (stamp)

 1 SET Item N° 700226



### SET RivSet rivets Ø 3 mm

Type D1 + D2  
Labeling: blue, 1 rings (stamp)

 1 SET Item N° 700227



### Self-piercing rivets

Item N°	Measure / mm	Quality	Quantity
777218	Rivet 3,3 x 3,5	steel	100 pcs
777200	Rivet 3,3 x 4,0	steel	100 pcs
777225	Rivet 3,3 x 5,0	steel	100 pcs
777222	Rivet 3,3 x 6,0	steel	100 pcs
777202	Rivet 5,3 x 4,0	steel	200 pcs
777219	Rivet 5,3 x 5,0	steel	100 pcs
777221	Rivet 5,3 x 6,0	steel	100 pcs
777224	Rivet 5,3 x 6,5	steel	100 pcs
777226	Rivet 5,3 x 7,0	steel	100 pcs
777223	Rivet 5,3 x 7,5	steel	100 pcs
777201	Rivet 5,3 x 8,0	steel	100 pcs




### Flow-Form-Rivets

Item N°	Measure / mm	Quality	Quantity
777209	Flow-Form-Rivet 3,3 x 3,5	A1 aluminium	10 pcs
777210	Flow-Form-Rivet 3,3 x 4,0	A1 aluminium	10 pcs
777211	Flow-Form-Rivet 3,3 x 5,0	A1 aluminium	10 pcs
777212	Flow-Form-Rivet 3,3 x 6,0	S1 steel	10 pcs
777213	Flow-Form-Rivet 5,3 x 4,0	S2 steel	10 pcs
777214	Flow-Form-Rivet 5,3 x 5,0	S3 steel	10 pcs



### RivBox - Rivets Assortment XPress 800

 1 Box Item N° 700281

Scope of supply:

- Rivet 3,3 x 3,5 mm 100 pcs
- Rivet 3,3 x 4 mm 100 pcs
- Rivet 5,3 x 4 mm 200 pcs
- Rivet 5,3 x 5 mm 100 pcs
- Rivet 5,3 x 6 mm 100 pcs
- Rivet 5,3 x 8 mm 100 pcs
- Blind rivet ALU 4 x 6 mm 40 pcs
- Blind rivet ALU 5 x 6 mm 40 pcs
- Blind rivet ALU 6 x 8 mm 40 pcs
- RIBE Blind rivet 6,5 x 12,5 mm 25 pcs
- Flow-Form-Rivet ALU 5,6 x 8,1 A1 10 pcs
- Flow-Form-Rivet ALU 5,6 x 9,3 A2 10 pcs
- Flow-Form-Rivet ALU 5,6 x 10,6 A3 10 pcs
- Flow-Form-Rivet ST 5,6 x 8,1 S1 10 pcs
- Flow-Form-Rivet ST 5,6 x 9,3 S2 10 pcs
- Flow-Form-Rivet ST 5,6 x 10,6 S3 10 pcs
- Blind rivet nut ST M6 x 9 x 15,5 25 pcs
- Blind rivet nut ST M8 x 11 x 17 10 pcs
- Blind rivet nut ST M10 x 12 x 17,5 10 pcs
- 1 x W+S Special center punch with 2 modes for rivets
- 4 x Mouth pieces for blind rivets (17/32, 17/36 / 17/40 / 17/45)



### Blind Rivet Nut Adapter BRN 50 SET

The module BRN50 is a blind rivet nut module with compact size and a maximum traction force of 50 kN. With the module BRN50 all types of blind rivet nuts from size M4 to M12 can be processed. You can limit the traction force and traction stroke.

Furthermore with the module BRN50 and traction pliers you can extract impact bolts from the metal sheet.

Scope of supply: Blind rivet nut adapter BRN 50 + Tool Box RS-04

Length	241 mm	Stroke range	0-16 mm
Wide	56 mm	Radius / Angle	120°
Pressure max	50 kN	Interlock steps	30°
Stroke	16 mm	Weight	1,65 kg

1 Set Item N° 700111

### Blind Rivet Nuts

Item N°	Measure / mm	Quality	Quantity
777203	Blind rivet nut M4 6 x 11,0	steel	25 pcs
777204	Blind rivet nut M5 7 x 11,5	steel	25 pcs
777205	Blind rivet nut M6 9 x 15,5	steel	25 pcs
777206	Blind rivet nut M8 11 x 17,0	steel	10 pcs
777207	Blind rivet nut M10 12 x 17,5	steel	10 pcs
777208	Blind rivet nut M12 15,9 x 23	steel	5 pcs

### Blind Rivet Nut Adapter BRN 50

Description and mode of operation see above (Art N° 700111)

Scope of supply: Blind Rivet Nut Adapter BRN 50

1 pc. Item N° 700110



Tension bolts: M4-M5-M6-M8-M10-M12



### Tool Box RS-04

Tension bolts kit for blind rivet nuts (fitting for BRN 50) consisting of: M4, M5, M6, M8, M10 and M12

1 Kit Item N° 700201



### Tension Bolt M4

gunmetal-finished

1 pc. Item N° 700324



### Tension Bolt M5

gunmetal-finished

1 pc. Item N° 700325



### Tension Bolt M6

gunmetal-finished

1 pc. Item N° 700326



### Tension Bolt M8

gunmetal-finished

1 pc. Item N° 700327



### Tension Bolt M10

gunmetal-finished

1 pc. Item N° 700328



### Tension Bolt M12

gunmetal-finished

1 pc. Item N° 700305





### Blind Rivet Adapter BR 20

The blind rivet module BR20 is at the moment the smallest tool on the market for processing blind rivets and blind rivet bolts.

With the module BR20 you can set all blind rivets with a shaft diameter from 2 to 4.2 mm and a maximum traction force of 20 kN.

Length	171 mm	Radius / Angle	120°
Wide	56 mm	Interlock steps	30°
Pressue max	20 kN	Weight	1 kg
Stroke	22 mm		

 1 pc. Item N° 700100

### Blind Rivet Adapter BR 50

The module BR50 is a blind rivet module with compact size and a maximum traction force of 50 kN. This module does have exchangeable heads and a collection container for the extracted shafts of the blind rivets. With the module BR50 you can set all blind rivets with a shaft diameter from 2 to 5 mm and a maximum traction force of 50 kN.

Length	252 mm	Radius / Angle	120°
Wide	56 mm	Interlock steps	30°
Pressue max	50 kN	Weight	1,5 kg
Stroke	25 mm		

 1 pc. Item N° 700101

### Blind Rivets

Item N°	Measure / mm	Quality	Quantity
777227	Blind rivet 4 x 6	aluminium	40 pcs
777228	Blind rivet 5 x 6	aluminium	40 pcs
777229	Blind rivet 6 x 8	aluminium	40 pcs
777230	Blind rivet RIBE 6,5 x 12,5	zinc coated	25 pcs
777215	Blind rivet AUDI 6,5 x 15	steel	10 pcs
777216	Blind rivet BMW 6,5 x 14	steel	10 pcs
777217	Blind rivet BMW 6,5 x 16	steel	10 pcs




### Temporary Fastener

Item N°	Measure / Ø	Colour	Quantity
577108	2,5 mm	blue	20 pcs
577104	4,1 mm	yellow	20 pcs
577109	4,7 mm	green	20 pcs
577106	6,0 mm	black	30 pcs
577107	6,35 mm	silver	20 pcs




### Plastic hammer

blow-back proof

 1 pc. Item N° 511028



### Body chisel with handle

 1 pc. Item N° 512001




### Kit of spatulas (4 pcs)

 1 pc. Item N° 541020




### Scraper for undercoating

 1 pc. Item N° 541010




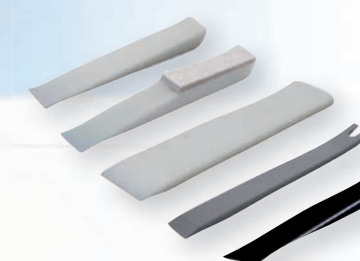
### Manual deburring tool

 1 pc. Item N° 541030



### Set molding wedges kit (5 pcs.)

 1 Set Item N° 581100





## W+S Special center punch 2F

for self-piercing rivets with two operation modes

1 pc. Item N° 628006

## TIN special drill bits for rivets

4,2 mm Item N° 617221  
6,7 mm Item N° 617228

1 pc.

## BTR / BOR Drill bits

Ø 3,5 mm, 70mm, 3-edge cutter Item N° 620012  
Ø 6,7 mm, 70mm, special sharpening Item N° 620040

1 pc.

## Carbide metal drill bit

Ø 6,7 x 49 mm, 3-edge cutter, piston 8 mm

1 pc. Item N° 627010

## Belt grinder pneumatic

Wide grinding belt 10 mm

1 pc. Item N° 671001

## Grinding belt 10 mm

Grain 80

10 pc. Item N° 677001

## Cartridge pistol VBM (MR) 200

for e.g. Betamade 2096, 200/215 ml

1 pc. Item N° 831106

## Cartridge pistol Air Flow, pneumatic

1 pc. Item N° 831103

## Mixing nozzle EPX

for 50 ml cartridge

1 pc. Item N° 838115

## Protection Blankets

2500 x 1250 mm Item N° 881002  
2000 x 1500 mm Item N° 881003

1 pc.

## Magnets with handle (4 pcs)

1 Kit Item N° 882055

## Protection goggles

1 pc. Item N° 881035

## Weld protection curtains stand Landskit 2000

Length lamellae 1,85 m

1 pc. Item N° 881220

## Set crimping tools, 3 pieces

1 Set Item N° 561020

## Crimping vize grip size 4

Crimping tool bent, narrow - narrow contact surface

1 pc. Item N° 561018







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