

PNP90

Universal riveting system

Car-O-Liner's new PNP90 riveting tool is the perfect solution for completing all common riveting operations in thin sheet metal structures.

Specifically developed for riveting sheet metal in the autobody repair field, the **PNP90** is a pneumatic-hydraulic system for riveting and pressing out self-piercing rivets. The equipment's universal technology enables adaption of various attachments for different applications. Easy to use, lightweight and highly efficient - this riveting tool allows your technicians to complete repairs in record time, saving you both time and money.

Riveting Tool Kit



The basic tool kit contains the pneumo-hydraulic pressure intensifier **PNP90**, a hydraulic gun, an NB 40 rivet clamp and a fully equipped UN 2.0 Riveting Tool Kit.



The hydraulic pump is a pneumatically driven pressure intensifier with a pressure ratio of 100:1. This means that hydraulic output pressure of 600 bars is generated with input air pressure of 6 bars. When the equipment's preset final pressure is reached, the pump stops automatically and keeps this pressure constant. The hydraulic pump has a pneumatically controlled pressure relief valve.

FEATURES AND BENEFITS

- Universal - allows for attachments for various applications:
 - Riveting
 - Punching
 - Pressing Out
 - Calibrating
- Highly efficient - pressure ratio of 100:1
- Precise control over strength of impact
- Sturdy construction with low maintenance

Basic Kit



Pressure Intensifier PNP90



Owners Manual



Hydraulic Gun HP 35 UN



Riveting Tool Kit

Locking Bolts



Rivet Clamp NB 40



Case

Art. No. 45704 Basic Kit PNP90 UN 2.0

- 1x Pressure intensifier PNP90
- 1x Hydraulic gun HP 35 UN
- 1x Rivet clamp NB 40
 - Length x Width x Height - 106x45x159
 - Weight - 1.5 kg
 - Clamp Opening - 80 mm
 - Opening Depth - 40 mm
- 1x Riveting tool kit RIVKIT-UN 2.0
 - Setting / closing head 3 mm rivet
 - Setting / closing head 5 mm rivet
 - Setting / closing head, flow form rivet
 - Punch and calibration mandrel / die
 - Extraction mandrel / die
 - Replacement elastomer rings
 - Set of mounting tools
 - Spacing adaptor
- 2x Locking bolts

Optional Accessories



Rivet Clamp NB 115



Rivet Clamp NB 230



Accessories (not part of the Basic Kit)

Art. No. 45711 Rivet clamp NB 115	
Length* x Width x Height	213 x 44 x 220 mm
Weight*	3 kg
Clamp Opening	80 mm
Opening Depth	115 mm
Art. No. 45712 Rivet clamp NB 230 + spacer	
Length* x Width x Height	364 x 45 x 348 mm
Weight*	9.5 kg
Clamp Opening	140 mm
Opening Depth	230 mm
Length spacer	78 mm
* including hoses	

Technical data

Pump PNP 90 UN 2.0	
Length x Width x Height (without hoses, incl. handle)	330 x 230 x 213 mm
Weight (without hoses)	8 kg
Max input pressure	6 bar / 87 PSI
Max operating pressure	600 bar
Hydraulic gun HP 35 UN	
Length x Width x Height (including handle)	246 x 50 x 105 mm
Max operating pressure	600 bar
Travel	15 mm



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