

PUTZMAUS® technical specification 2014/2015 (subject to short term changes)
 New improved design design: **Stainless Steel and Titanium** (depending on the model)

Model	Suitable for pipe diameters **)	Weight	Air pressure required	Air usage	kW of compressor motor	Time of one run (back & forth) in a reference pipe of 300 cm length	Important details
PUTZMAUS® <i>Mikro</i> complete *)	Ø 27-33 mm	0.9 kg	7-8 bar	120 l/min	ca. 1	20 sec.	<i>Mikro</i> has no start lever and does not stop automatically
PUTZMAUS® <i>Mini</i> complete *)	Ø 34-41 mm	1.0 kg	7-8 bar	130 l/min	ca. 1	19 sec	
PUTZMAUS® <i>Midi</i> complete *)	Ø 42-49 mm	1.2 kg	7-8 bar	170 l/min	ca. 2	18 sec.	
PUTZMAUS® <i>Large</i> complete *)	Ø 49-70 mm	1.3 kg	7-8 bar	180 l/min	ca. 2.5	16 sec.	
PUTZMAUS® <i>X-Large</i> complete *)	Ø 52 - 280 mm	3.1 kg	7-8 bar	280 l/min	ca. 3	8 sec.	guide cage or support crown for brushes larger than Ø 180 mm available s. technical data brushes & accessories

*) **A complete set** (picture below right) **consists of:**

- the pneumatic PUTZMAUS®
- 2 stainless steel cleaning brushes and 1 repair brush for extreme sturdy layers
- 1 maintenance unit for the compressed air system (water trap, air lubricator)
- 4 m normal compressed air hose and 6 m high temperature compressed air hose (temperature resistar up to 400°C) or 8 m high temperature hose for the Putzmaus Large and X-Large respectively
- tools & sealing material also safety devices such as gloves, goggle & mask all parts come with an aluminum case

***) **The diameters** of the Swiss Made brushes will be adapted to the individual heat exchanger tube sizes of each client in 0,1 mm layers.



Technical specification brushes and accessories

No.	specification	diameter of brush or description
Cleaning brushes made of stainless steel for metal pipes¹⁾		
1	cleaning	35 - 41 mm
2	cleaning	42 - 51 mm
3	cleaning	52 - 70 mm
4	cleaning	71 - 90 mm
5	cleaning	91 - 130 mm
6	cleaning	131 - 150 mm
7	cleaning	151 - 200 mm
Cleaning brushes made of polyamide, twist in wire and screw thread made of ss		
Repair Brushes made of mild steel for metal pipes²⁾		
8	repair	35 - 41 mm
9	repair	42 - 51 mm
10	repair	52 - 69 mm
11	repair	70 - 110 mm
12	repair	111 - 130 mm
13	repair	131 - 150 mm
14	repair	151 - 200 mm
15	Guide cage or support crown matching model XL for larger tubes³⁾	
16	Y-Piece to be used with a vacuum cleaner for dust free cleaning⁴⁾	
Further articles		
17	Service unit to regulate, dewater, filter and lubricate the compressed air	
18	1 l air lubrication oil	
19	1 m of high temperature compressed air hose	
20	1 pair of couplings (male and female) for air hose	
21	1 KU disc for Putzmaus XL and L	
22	1 KU disc for Putzmaus Midi, Mini & Mikro	



1) cleaning brush



2) repair brush



3) Guide cage or support crown recommended for brushes from Ø 130 - 280 mm



4) Y-piece and a vacuum cleaner avoid releasing of dust, e.g. if the suction fan has turned off