

ブラシが回転せず、  
パイプに傷つきません

**NO ROTATION  
NO ABRASION ON PIPE**

# AIR DRIVEN

PERFECTION  
IN TUBE, HOSE & PIPE  
CLEANING!

QUALITY

MADE IN AUSTRIA

# PERFECTION IN TUBE, HOSE & PIPE CLEANING!

**PUTZMAUS®** を使えば、あの煩わしいパイプ掃除とはお別れです。

**PUTZMAUS®** 以外の掃除機では、こんなに手間や労力を省くことはできません。

**PUTZMAUS®** には、エア用オイル、エアホース、400°C耐熱ホース、安全装置、組み立て工具、ステンレス製ブラシ、さまざまなアクセサリ、メンテナンスユニット、持ち運び用ケースが含まれています。

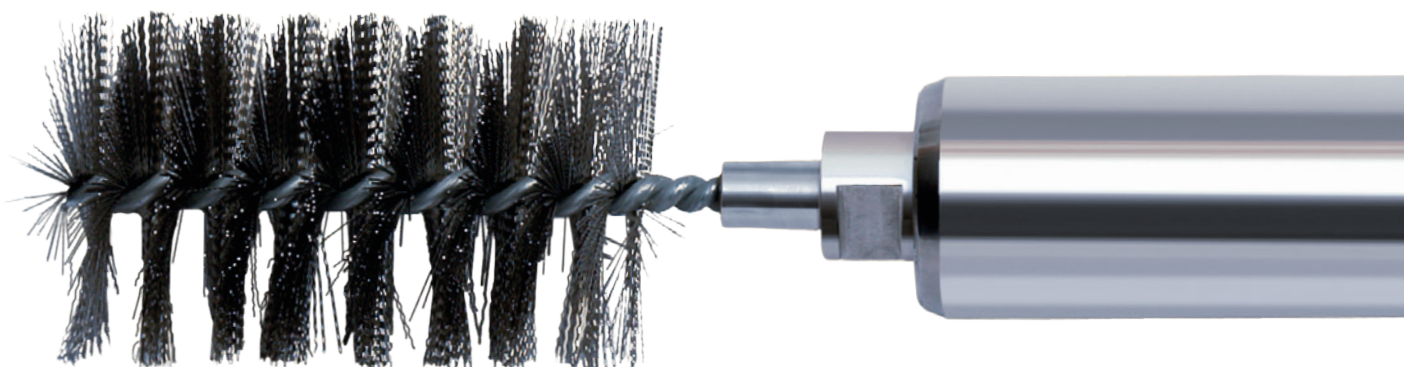
## 主な利点

- ▶ エアーしか使いません。
- ▶ パイプを傷つけません。
- ▶ とても軽くて、簡単操作。
- ▶ フレキシブルで移動が簡単。
- ▶ 一人で操作できます。
- ▶ パイプ径 1 3/8" ~ 9" 対応。
- ▶ 水平だけでなく垂直に設置されたパイプもOK。
- ▶ 扱いがとても簡単。
- ▶ 場所を取りません。
- ▶ エネルギー効率がとても良い。
- ▶ とても頑丈で、わずかなメンテナンスですみます。
- ▶ パルステクニックを使用。
- ▶ Yコネクションによるブラッシングとバキューミング。
- ▶ 100°C以上でも安全操作が可能。

他の **PUTZMAUS®** の用途、バージョンについてはお問い合わせください。

PRODUCT OVERVIEW						
Model*	Optimum pipe size (inner diameter)	Weight (pounds)	Air pressure	Suction capacity	Time delay (600cm pipe)	
PUTZMAUS® MIKRO	Ø 27 – 34 mm   1 1/16" - 1 3/8"	0,900 kg   1,985 lb	7 - 8 bar	120 l/min	20 sec	
PUTZMAUS® MINI	Ø 34 – 41 mm   1 3/8" - 1 5/8"	1,000 kg   2,205 lb	7 - 8 bar	130 l/min	19 sec	
PUTZMAUS® MIDI	Ø 41 – 51 mm   1 5/8" - 2"	1,220 kg   2,690 lb	7 - 8 bar	170 l/min	18 sec	
PUTZMAUS® LARGE	Ø 49 – 70 mm   2" - 3 3/4"	1,275 kg   2,811 lb	7 - 8 bar	180 l/min	16 sec	
PUTZMAUS® X-LARGE	Ø 51 – 230 mm   2" - 9"	3,150 kg   6,945 lb	7 - 8 bar	280 l/min	8 sec	

\*モデルバージョンは、ステンレスかチタニウムが選べます / \*Model versions available in solid stainless steel or titanium



# AIR DRIVEN

With the **PUTZMAUS®** alarming pipe cleaning scenarios are a thing of the past:

No other pipe cleaning device has so many diverse functions, saves so much time and energy, and is so easy to operate. See for yourself!

You get:

**PUTZMAUS®**, pneumatic oil, compressed air hose, 400°C high temperature hose, safety devices, assembly tools, stainless steel cleaning brushes, diverse accessories, maintenance unit, and metal carrying case.

**All of the advantages at a glance:**

- ▶ Pneumatic
- ▶ Won't damage the pipe
- ▶ Ultralight and easy to manipulate
- ▶ Highly flexible and maneuverable
- ▶ Can be operated by one person
- ▶ Suited for pipe diameters of 1 3/8" – 9"
- ▶ Works up, down, and horizontally
- ▶ Very easy to use
- ▶ Requires a minimum of space
- ▶ Very energy efficient
- ▶ Ultrasturdy and requires very little maintenance
- ▶ Uses the pulse technique rather than rotation
- ▶ Brushing and vacuuming thanks to the Y-connection
- ▶ Safe operation at temperatures over 100°C

Please feel free to contact us at any time about other **PUTZMAUS®** applications and versions!

## LET THE **PUTZMAUS®** DO THE WORK!





PUTZMAUS®-Partner worldwide available at: [www.putzmaus.com](http://www.putzmaus.com)

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