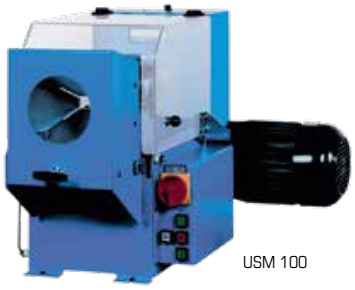
USM 100 | USM 150

Internal and external skiving - efficient and clean!

The USM 100 is a machine that prepares hoses for assembly, and skiving can be done both internally and externally simultaneously. The USM 150 is a stable machine for skiving up to 5"-industrial and rotary hose. The double-skiving tool with reinforced mandrels can be controlled separately or simultaneously without changing the tool.



USM 100



USM 150

User-friendly control improves efficiency

- Full concentration on the piece due to control via foot pedal
- Big Makrolon® windows give a good overview
- Hose guiding system can be controlled manually
- Easy access to scrap drawer
- Simultaneous internal and external skiving

Higher productivity due to quick change-over time

- Easy exchange of skiving tool using a locking pin
- Preset tools save time. When switching from one size to another, just put in the preset skiving tool and in seconds you are skiving another size.

CE compliant

- Easy-open protective cover
- Safety flap for injury-free working
- Safe installation on the workbench (USM 100)



We reserve the right to make technical changes without notice. Options are machine parts that can only be ordered while buying the machine.

Package

Package USM 100
Machine
+ 5 internal skiving mandrels UIT Ø 20-Ø 25-Ø 31-Ø 38-Ø 51
+ 5 external skiving tools UOP 6,8,10,12,16
+ 5 external skiving tool holder (UOT 6 - 51)
+ 1 chuck (307.903)
+ SSG

Package USM 150
Machine
UIS - DN 50 to DN 125
UES - DN 50 to DN 125

Standard



Simultaneous internal and external skiving. (USM 100)

Technical Data





USM 100 | USM 150

Technical data	USM 100	USM 150 NEW
Internal skiving	¾" – 2½"	2" – 5"
External skiving	¼" – 2"	2" – 5"
Drive	1,2/1,8 kW (3 VAC)	4,4 kW (3 VAC), 7 bar (100 PSI)
Type of application	Production	Production
Noise level	60 dBA	60 dBA
L x W x H (mm)	780 x 620 x 550	2545 x 810 x 1500
Weight	70 kg	700 kg
Tool revolution	392 rpm/592 rpm	94 rpm
Accessories		
Bench	✓	–
SSG	Standard	✓
TU Table	✓	–

USM 150	
Internal Skiving	UIS 150 – DN 51, DN 63, DN 76, DN 89, DN 100, DN 125
External Skiving	UES 150 – DN 51, DN 63, DN 76, DN 89, DN 100, DN 125

USM 100	
Internal Skiving	UIT 12, UIT 20, UIT 25, UIT 32, UIT 40, UIT 50, UIT 12, UIT 60,
External Skiving	UOP 06, UOP 08, UOP 10, UOP 12, UOP 16, UOP 20, UOP 25, UOP 32, UOP 40, UOP 50,
Blade Holder	UOT 06 - 50, UOT 60

Accessories



SSG Slitting tool – to keep the skiving chips short. Included with USM 100.



TU - work bench

Additional Information



The SSG slitting tool shortens skiving chips.



Double skiving tool with hose.



Clamping and guiding unit with wheels for up to 5"-hoses.