Skiving Machines

Easy to use and safe.

Internal & External Skiving
Simultaneous internal and external skiving in one operation.

Universal
For all types of hoses and fittings.

Ecoline
Value driven solution for less frequent use.


USM 2


USM 10


USM 10 S


USM 100


USM 150

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UNIFLEX

USM 2 | USM 10

The new skiving machine, with the fastest change-over time due to preset tools and simple locking pins. The USM 10 S skives internally from 5/8" up to 2" and externally from 3/16" - 2" dies, making this system the perfect solution.



USM 10 S
With TU Table and tooling storage (USM 10 S TU package).

User-friendly control improves efficiency

- Full concentration on the piece due to control via foot pedal
- Big Makrolon® windows give a good overview

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 (USM 10 S)

CE compliant

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



USM 2



USM 10

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

Accessories



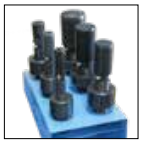
SSG
Slitting tool – to keep the skiving chips short



TU - work bench



USM 10 S - PJ RKSTLS without mandrels



USM 10 S - 313.1
Set with 6 mandrels. Internal skiving mandrel.

Technical Data



USM 2



USM 10



USM 10 S

Technical data	USM 2	USM 10 Ecoline	USM 10	USM 10 S
Internal skiving	5/8" – 2"	5/8" – 2"	5/8" – 2"	5/8" – 2"
External skiving	3/16" – 2"	3/16" – 2"	3/16" – 2"	3/16" – 2"
Drive	Manual	0,37 kW (1~)	0,37 kW (3~)	0,37 kW (3~)
Type of application	Mobil	Workshop	Workshop	Workshop
Noise level	-	60 dBA	60 dBA	60 dBA
L x W x H (mm)	338 x 465 x 445	440 x 440 x 545	440 x 440 x 545	440 x 440 x 545
Weight	16 kg	35 kg	35 kg	35 kg
Tool revolution	–	110 rpm	110 rpm	110 rpm
Options				
Bench	✓	✓	✓	✓
SSG	✓	✓	✓	✓

Packages	
USM 2	+ external skiving mandrel (PJ_EXB 250- DN 05, 06, 08, 10, 12, 16, 19, 25, 31,38, 51) + internal skiving tool (UIS.2 DN 16, 19, 25, 31, 38, 51)
USM 10 ecoline/USM 10	+ external skiving mandrel (PJ_EXB 250- 05, 06, 08, 10, 12, 16, 19, 25, 31,38, 51) + internal skiving tool (UIS.2 DN 16, 19, 25, 31, 38, 51)
USM 10 S	with preset tools for fast and easy tool change with 11 external skiving tools (UES.3 - 05, 06, 08, 10, 12, 16, 19, 25, 31, 38, 51) + 313.1 (Set with 6 internal skiving tools - UIS.3- 16, 19, 25, 31, 38, 51) + tool rack (PJ_RKSTLS
USM 10 S TU	+ TU same as USM 10 S package, additional: Machine and tool rack mounted on the UNIFLEX table TU

Additional Information



Easy exchange of skiving tool using a locking pin on USM 10 S.



Skiving mandrels are manually adjustable.



Safety switch for riskless operation.



Easy adjustment of the skiving tool.



Blade adjustments for skiving depth need only to be made once for each hose dimension on the USM 10 S.

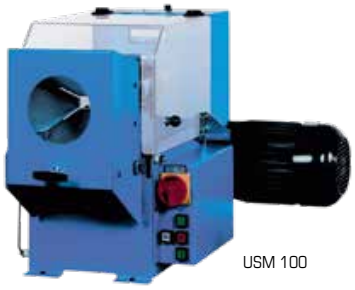


1 tool on the USM 10 Ecoline for all dimensions.

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.