

TH 2-9

Hose Skiving Machine

- Efficient skiving of hydraulic hoses (external and internal) from size -4 up to -32
- Easily controlled by a footpedal
- Waste collection bin



Primary Applications

For small series and service application.

Restrictions

Not recommended for series production.

Technical / Order Data

Hose Skiving Machine TH 2-9
without skiving tools

Hose Skiving Machine TH 2-9-3PH
3 phases, 400 V

Hose Skiving Machine TH 2-9-1PE
1 phase, 230 V

Hose capacity, external skiving	
4 and 6 layer	size -4 up to -32
Hose capacity, internal skiving	
4 and 6 layer	size -6 up to -32
Speed	125 rpm
Colour	light grey
Dimensions	L 600 x W 410 x H 390 mm
Weight	35 kg
Electrical power	3 PH / 400 V / 50 Hz / 16 A / 0.37 kW
Part Number	TH2-9-3PH
Electrical power	1 PH / 230 V / 50 Hz / 10 A / 0.37 kW
Part Number	TH2-9-1PE



Internal
skiving tool



External
skiving tool
with one external tool

Skiving tools see page **Ea-29**

TH 2-10-3PH

Hose Skiving Machine

- Efficient skiving of hydraulic hoses (external and internal) from size -4 up to -32
- Semi-automatic electro-pneumatic control-system
- Adjustable pressure and speed
- Automatic self-centering system
- Waste collection bin



Primary Applications

Mainly for hose assembly workshop production for medium and large series.

Restrictions

Work cycle for internal and external skiving takes place separately, not in one step.

Technical / Order Data

Hose Skiving Machine TH 2-10-3PH without skiving tools

Hose capacity, external skiving	
4 and 6 layer	size -4 up to -32
Hose capacity, internal skiving	
4 and 6 layer	size -6 up to -32
Speed	315 rpm
Air pressure	min. 0.7 MPa
Colour	light grey
Electrical power	3 PH / 400 V / 50 Hz / 16 A / 1.2 kW
Dimensions	L 680 x W 1200 x H 1080 mm
Weight	132 kg
Part Number	TH2-10-3PH



Internal
skiving tool



External
skiving tool
with two external tools

Skiving tools see page **Ea-29**

TH 2-13-3PH

Twin-Skive Machine

- Twin-skiving of hydraulic hoses (external and internal) from size -4 up to -32 in one operation
- Semi-automatic electro-pneumatic control-system
- Automatic self-centring system
- Adjustable pressure and speed
- Waste collection bin
- Eliminates work-related injuries



Primary Applications

For hose assembly workshops for series production.

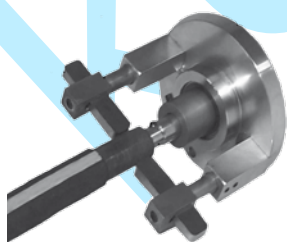
Restrictions

Max. hose outside diameter 75 mm for external skiving.

Technical / Order Data

Hose Skiving Machine TH 2-13-3PH without skiving tools

Hose capacity, external skiving	
4 and 6 layer	size -4 up to -32
Hose capacity, internal skiving	
4 and 6 layer	size -6 up to -32
Speed	400 / 315 rpm
Air pressure	min. 0.7 MPa
Colour	light grey
Electrical power	3 PH / 400 V / 50 Hz / 16 A / 2 x 0.75
Dimensions	L 680 x W 1200 x H 1080 mm
Weight	150 kg
Part Number	TH2-13-3PH



Skiving tool

Skiving tools see page **Ea-29**

Skiving Tools for TH 2-9, TH 2-10-3PH and TH 2-13-3PH

Internal skiving tool for TH 2-9 and TH 2-10-3PH

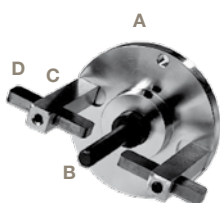
Internal skiving tool
TH 2-9 and TH 2-10-3PH



Size	Internal skiving tool (without knife) Part Number	Internal skiving knife Part Number
-10	TH2-12NT-10	TH2-12NK-1012
-12	TH2-12NT-12	
-16	TH2-12NT-16	TH2-12NK-1620
-20	TH2-12NT-20	
-24	TH2-12NT-24	TH2-12NK-2432
-32	TH2-12NT-32	

External skiving tool for TH 2-9 and TH 2-10-3PH

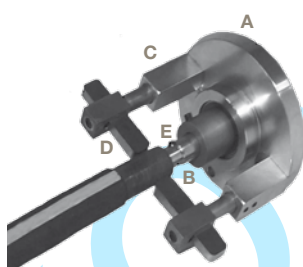
External skiving tool
TH 2-9 and TH 2-10-3PH



A: External skiving tool holder
B: Mandrel for external skiving
C: Holder for skiving tool
D: External skiving knife

Size	Mandrel Size Part Number	External skiving tool (without knife) Part Number	Additional arm Part Number	External skiving knife Part Number
-4	TH2-11M-4	short arm TH2-11ES	short arm TH2-11ES-1 TH2-10-3PH only	TH2-11EK
-6	TH2-11M-6			
-8	TH2-11M-8			
-10	TH2-11M-10			
-12	TH2-11M-12			
-16	TH2-11M-16	long arm TH2-11EL	long arm TH2-11EL-1 TH2-10-3PH only	
-20	TH2-11M-20			
-24	TH2-11M-24			
-32	TH2-11M-32			

Internal and external skiving tool for TH 2-13-3PH



Skiving tool
A: Tooling holder complete
B: Mandrel for internal skiving
C: Holder for external skiving knife
D: External skiving knife
E: Internal skiving knife

Internal and external skiving tool TH 2-13-3PH	Size	Mandrel Size Part Number	Internal skiving knife Part Number	External skiving toolholder Part Number	Additional arm Part Number	External skiving knife Part Number
	-8	TH2-13M-8	TH2-12NK-8	TH2-13ET	short arm TH2-13ES-1	TH2-11EK
	-10	TH2-13M-10	TH2-12NK-1012			
	-12	TH2-13M-12				
	-16	TH2-13M-16	TH2-12NK-1620			
	-20	TH2-13M-20				
	-24	TH2-13M-24	TH2-12NK-2432			
	-32	TH2-13M-32			long arm TH2-13EL-1	