

# 14 TONS SPOOLING MACHINE

Installing steel wire ropes in multi-layer systems requires careful attention. One always needs to apply the correct tension during the spooling operation. This to avoid severe and costly damage to the steel wire ropes.

Besides our experienced rigging crew, De Ruiter Staalkabel has a wide range of spooling machines (from 2T up to 180T) complemented with our unique 40T tension winch, when higher constant back tension will need to be applied. All our systems and crew can be utilized on a world-wide basis.

Below our 14 tons spooling machine is highlighted.



## Specifications

<b>Machine number</b>	SK036
<b>Date manufactured</b>	1986
<b>Machine description</b>	Spooler 14 tons
<b>Purpose</b>	Equipment for a controlled transfer of steel wire rope from storage reel to winch or reverse
<b>Set Up</b>	Stand-alone diesel powered Spooler
<b>Constant tensioning mode</b>	Max. up to 10 Ton (in combination with special reel and brake assist)
<b>Free winch mode</b>	Allows tension free rotation of reel
<b>Drum speed</b>	Max. 25 mtr/min
<b>Shaft hole dia</b>	Min. 60 mm – max. 125 mm
<b>Support shafts</b>	2 pcs. – (1 x Ø 60 mm & 1 x Ø 100 mm)
<b>Max. reel weight</b>	14 ton (incl. weight of reel)
<b>Max. reel dia</b>	2200 mm
<b>Max. reel width</b>	1300 mm
<b>Weight Spooler</b>	4 tonne
<b>Dimensions</b>	Overall length 4500 mm Overall width 2000 mm

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# 35 TONS SPOOLING MACHINE

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Below our 35 tons spooling machine is highlighted.



## Specifications

<b>Machine number</b>	SK037
<b>Date manufactured</b>	1999
<b>Machine description</b>	Spooler 35 tons
<b>Purpose</b>	Equipment for a controlled transfer of steel wire rope from storage reel to winch or reverse
<b>Set Up</b>	Electric (63amp) hydraulic powered spooler, 20ft container flatrack
<b>Constant tensioning mode</b>	Max. up to 10 - 12 Tonnes at core dia 800 mm 2 - 3 Tonnes at core dia 2750 mm
<b>Free winch mode</b>	Allows tension free rotation of reel
<b>Drum speed</b>	Max. 15 mtr/min
<b>Shaft hole dia</b>	Min. 80 mm - max. 180 mm
<b>Shaft hole adaptors</b>	80 - 100 - 150 - 180 mm
<b>Max. reel weight</b>	35 ton (incl. weight of reel)
<b>Max. reel dia</b>	3200 mm
<b>Max. drum width</b>	2300 mm
<b>Weight Spooler</b>	11 tons
<b>Dimensions</b>	Overall length 6090 mm Overall width 2500 mm Overall height 2950 mm

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# 180 TONS SPOOLING MACHINE

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Below our 180 tons spooling machine is highlighted.



## Specifications

<b>Machine number</b>	SK158
<b>Date manufactured</b>	2010
<b>Machine description</b>	Spooler 180 tons
<b>Purpose</b>	Equipment for a controlled transfer of steel wire rope from storage reel to winch or reverse
<b>Set Up</b>	Diesel hydraulic powered spooler + power pack
<b>Constant tensioning mode</b>	Max. up to 5 ton @ 4 mtr. reel diameter
<b>Free winch mode</b>	Allows tension free rotation of reel
<b>Drum speed</b>	Max. 50 mtr/min @ 4 mtr reel diameter
<b>Shaft hole dia</b>	Min. 100 mm – max. 400 mm
<b>Shaft hole adaptors</b>	100 - 150 - 200 - 220 - 230 - 270 - 300 - 310 - 330 - 400 mm
<b>Max. reel weight</b>	180 ton (incl. weight of reel)
<b>Max. reel dia</b>	4000 mm
<b>Min. drum width</b>	2000 mm
<b>Max. drum width</b>	5750 mm
<b>Weight Spooler</b>	13 tons
<b>Weight power pack</b>	5 tons
<b>Dimensions</b>	Overall length 9400 mm
	Overall width 2350 mm
	Overall height 2800 mm

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# TENSION WINCH

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Below our 40T tension winch is highlighted.



## Specifications

Machine number	SK035
Date manufactured	1998
Machine description	Tension winch 40 ton – back tensioning system
Purpose	Controlled pre-tensioning of steel wire rope when installing onto winch system
Set Up	Stand-alone diesel powered tension winch, 20ft container flat rack
Render load	5 tonnes minimum to 40 tonnes maximum
Wire rope diameter	Max. 105 mm
Rendering mode	20 mtr/min, pull up to 5 ton
	16 mtr/min, pull up to 10 ton
	12 mtr/min, pull up to 20 ton
	8 mtr/min, pull up to 30 ton
	4 mtr/min, pull up to 40 ton
Drum diameter	1800 mm
No. grooves	3
Groove radius	55,5 mm
Weight tensioner	25 tonne
Dimensions	Overall length 6090 mm
	Overall width 2500 mm
	Overall height 2500 mm

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# MINI SPOOLER

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Below our 2T mini spooler is highlighted.



## Specifications

Length	3,500 mm
Width	1,200mm
Height	2,95 mtr
Weight	2,200kg
Lifting capacity	1,750kg
Max reel sizes	Dia 2,000mm
	Width 2300 mm
Power Unit	Diesel
Shaft holes	Standard 60mm
	Bushes 80mm
Remote Control	Y

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