MOUNTED WINCHES

BENEFITS D 40 / D 50 / D 60 / D 71

THE RIGHT WINCH FOR EACH VEHICLE | Due to our modular construction, you will receive the optimum winch for your vehicle. The use of high-strength grain-refined steel offers advantages such as compact construction, low own weight and durability. The extremely rugged skidding blades are available in a variety of widths. A trailer coupling approved for public roads is standard. Particularly environmentally friendly is the possibility to use biodegradable oil. Upon request, our winches are also available with hydraulic drive.

SAFETY FEATURES | The overlapping clutch and brake provide precise winch control. The cable is always held under tension (desirable when feeling problem trees). The brake only releases once the clutch is fully force-locked. The reduction of the weight or the trailing of the winch can be avoided. Permanently lubricated, ball-bearing mounted drums allow the cable to be drawn out easily at any time.

Drive through duplex chain with chain adjuster

Own supply through mechanical hydraulic pump

Band brake

Multi-plate Clutch

Cable ejector

Variable Cable ejector speed

Worm gear for easy maintenance of the winch

Tool box with cover (Standard)

BENEFITS D 40 / D 50 / D 60 / D 71

- Power by duplex chain
- Quiet operation up to 1000/min possible
- Optimum mounting by the transversely integrated drum position
- Easy maintenance
- Hydraulic own power supply
- No additional hydraulic oil from the vehicle for winch control required
- Choker chain holder and coupler head are standard
- Storage box with cover is standard

MOUNTED WINCHES
SINGLE DRUM THREE-POINT MOUNTING

THREE YEAR RITTER WARRANTY!
(Our parts warranty on the drive chain)

NEW
NOW ALSO AVAILABLE AS CONSTANT TRACTION WINCH

THE INEXPENSIVE ENTRY-LEVEL SERIES IN PROFESSIONAL QUALITY | Power for both winches is provided by a duplex chain. Due to the chain tension used, quiet operation is possible up to 1000/min. Optimum mounting for these winches is provided by the transversely integrated drum position. All winches are equipped with their own power supply. Hydraulic oil from the vehicle is not required for winch control. All RITTER mounted winches come with choker chain holder and coupler head.

NEW
D 40

D 40 / D 50 / D 60 / D71
TECHNICAL DATA AND PRICES

TYPE	D 40	D 50	D 60	D 71
Max. tractive force (kN/t)	40/4	50/5	60/6	70/7
Max. cable capacity (Length/Ø, m/mm)	120/9	100/10	90/11 100/10	80/12
Weight without cable (kg)	390	410	430	450
For vehicles from...to... (kW/PS)	22/30 – 44/60	26/35 – 51/70	37/50 – 59/80	44/60 – 59/80
Skidding blade	1,4 m	1,6 m	1,6 m	1,6 m
Safety equipment activation	hydraulic	hydraulic	hydraulic	hydraulic
Drive	Duplex chain	Duplex chain	Duplex chain	Duplex chain
Item No.	(D40-01-00-001)	(D50-01-00-001)	(D60-01-00-001)	(D71-01-00-001)
Including guard screen and trailer coupling	**7.500.–**	**8.200.–**	**8.600.–**	**9.000.–**
With constant traction	**9.000.–**	**9.700.–**	–	–
Than cable capacity max.	100/9	80/10	–	–
For vehicles from...to... (kW/PS)	37/50 – 59/80	44/60 – 59/80	–	–
Item No.	(D40-01-00-002)	(D50-01-00-002)	–	–

· Own electrohydraulic power supply including radio control unit · Including storage box with cover

ACCESSORIES / FREIGHT	D 40	D 50	D 60	D 71
Skidding Blade 1,6 m	**420.–**	Standard	Standard	Standard
Skidding Blade 1,8 m	**560.–**	**420.–**	**420.–**	**400.–**
Skidding Blade 2,0 m	–	**560.–**	**560.–**	**560.–**
Cable feed brake	(D50/SEB) **1.300.–**	(D50/SEB) **1.300.–**	(D50/SEB) **1.300.–**	(D50/SEB) **1.300.–**
Cable ejector / Cable feed brake	(D50/SAV) **1.800.–**	(D50/SAV) **1.800.–**	(D50/SAV) **1.800.–**	(D50/SAV) **1.800.–**
Cardan shaft 610 mm	(104061) **110.–**	(104061) **110.–**	(104061) **110.–**	(104061) **110.–**
Cardan shaft Walterscheid / 710 mm	(117332) **160.–**	(117332) **160.–**	(117332) **160.–**	(117332) **160.–**
Steel cable (m/mm) Heavy-duty logging type, compacted, with loop	110/09 (09110P) **440.–**	90/10 (10090P) **387.–**	80/11 (11080P) **360.–**	70/12 (12070P) **343.–**
Steel wire rope (m/mm) Constant traction	100/09 (09100P) **400.–**	80/10 (10080P) **344.–**	–	–
Sliding hook	(53100012) **1/2" 15.–**	(53100012) **1/2" 15.–**	(53100012) **1/2" 15.–**	(53100020) **5/8" 20.–**
HBC - Radio control unit FST 508 patrol S	Standard	Standard	Standard	Standard

The standard trailer coupling for mounted cable winches is not allowed in accordance with StVZO (German traffic regulations).
All prices given in EURO, exclusive of VAT. Pricing basis Zell a.H.

MOUNTED WINCHES

BENEFITS WINCH AND CONSTANT TRACTION

THE RIGHT WINCH FOR EACH VEHICLE | Due to our modular construction, you will receive the optimum winch for your vehicle. The use of high-strength grain-refined steel offers advantages such as compact construction, low own weight and durability. The extremely rugged skidding blades are available in a variety of widths. A trailer coupling approved for public roads is standard.Particularly environmentally friendly is the possibility to use biodegradable oil. Upon request, our winches are also available with hydraulic drive.

SAFETY FEATURES | The overlapping clutch and brake provide precise winch control. The cable is always held under tension (desirable when feeling problem trees). The brake only releases once the clutch is fully force-locked. The reduction of the weight or the trailing of the winch can be avoided. Permanently lubricated, ball-bearing mounted drums allow the cable to be drawn out easily at any time.

Worm gear

Multi-plate clutch

Cable injector combined with cable feed brake

Low centre of gravity of the winch

Variable cable ejector speed

Plug-In trailer coupling (Accessory)

Tool boxes (standard)

BENEFITS WINCH

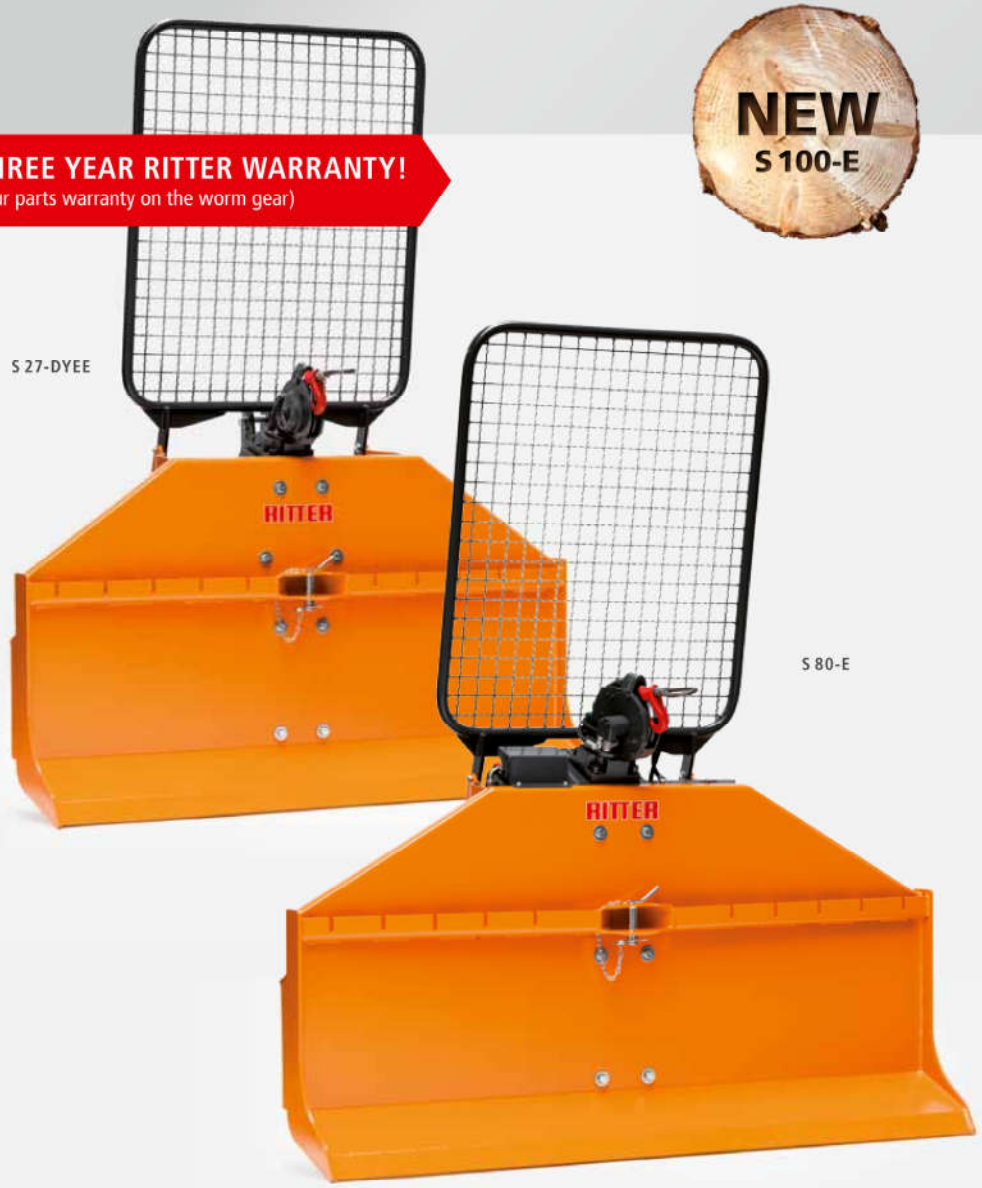
- Low centre of gravity of the winch
- Own power supply is standard
- Precise control of the winch through optimum overlapping of clutch and brake
- Standard pressure roller ensures optimum cable development (not on winch S 27)
- Low maintenance and wear (completely runs in an oil bath)
- Sensitive proportional braking (proportional brake is no standard) thanks to organic brake linings
- Optimum behaviour of brake and clutch thanks to organic linings
- Compact and modular design allows to retrofit the winches with accessories at any time
- Storage boxes are standard

BENEFITS CONSTANT TRACTION

- Maximum tractive force from the lowest to the highest position of cable
- Maximum safety – constant cable forces reduce the risk of cable rupture
- The S 70-K winch corresponds on the highest cable position to a 100 kN/10 t winch. Instead, the prescribed diameter for cable of 15 mm for a 100 kn/10t, the S 70-K winch can be operated with a 12 mm cable (Minumum breaking force >= 140kN).
- Thanks to the constant tractive force, the power of the winch is optimally adjusted to the tear resistance of the cable used and the logs are pulled at maximum cable force up to the tractor.
- No loss of tractive force in the upper positions of cable.

MOUNTED WINCHES
SINGLE DRUM THREE-POINT MOUNTING

THREE YEAR RITTER WARRANTY!
(Our parts warranty on the worm gear)



S 27-DYEE / S 80-E / S 100-E – THE POWERFUL WINCHES FOR PROFESSIONAL APPLICATION | The winches driven by a worm gear have a very low and therefore a perfect centre of gravity. Therefore, the weight is perfectly distributed. Because of the relatively large distance between feed roller and cable drum, there is no cable winder required on models D 50, D 60, S 27 and S 80.

S 27-DYEE
Back and side view

S 80-E
Back and side view

S 27-DYEE / S 80-E / S 100-E
TECHNICAL DATA AND PRICES

TYPE	S 27-DYEE	S 80-E	S 100-E
Max. tractive force (kN/t)	70/7	80/8	100/10
Max. cable capacity (Length/Ø, m/mm)	90/12 110/11 120/10	100/13 120/12 130/11	80/14
Weight without cable (kg)	520	670	690
For vehicles from...to... (kW/HP)	44/60 – 74/100	51/70 – 88/120	74/100 – 103/140
Skidding blade	1,8 m	1,8 m	2,0 m
Safety equipment activation	hydraulic	hydraulic	hydraulic
Drive	Worm gear	Worm gear	Worm gear
Item no.	(27-01-00-10)	(S80-01-00-001)	(S100-01-00-001)
Inkl. Schutzgitter und Anhängekupplung	**13.100.–**	**15.600.–**	**16.500.–**

· Own electrohydraulic power supply including manual control box and 5 m cable
· Including Tool box with cover

ACCESSORIES / FREIGHT	S 27-DYEE	S 80-E	S 100-E
Skidding blade 2,0 m	**460.–**	**460.–**	Serie
Skidding blade 2,2 m	**670.–**	**670.–**	**460.–**
Plug-In trailer coupling	(S27/AHK) **520.–**	**520.–**	**520.–**
Proportional load lowering brake (radio) (per drum)	(S27/PLB) **460.–**	(S70-01-00-17) **460.–**	(S70-01-00-17) **460.–**
Traction adjustment	(S27/ZKE) **570.–**	**570.–**	**570.–**
Cable feed brake	(S27/SEB) **1.300.–**	(S70-01-00-10) **1.300.–**	(S70-01-00-10) **1.300.–**
Cable ejector / Cable feed brake	(S27E/SAV) **2.500.–**	(S70-02-00-09) **2.500.–**	(S70-02-00-09) **2.500.–**
Cardan shaft / 610 mm	(104061) **110.–**	(104061) **110.–**	(104061) **110.–**
Cardan shaft Walterscheid / 710 mm	(117332) **160.–**	(117332) **160.–**	(117332) **160.–**
Steel cable (m/mm) Heavy-duty logging type, compacted, with loop	80/12 (12080P) **392.–**	90/13 (13090P) **477.–**	70/14 (14070T) **630.–**
Sliding hook	(53100020) **5/8" 20.–**	(53100020) **5/8" 20.–**	(53100030) **3/4" 40.–**
Radio control unit	see page 25	see page 25	see page 25

The standard trailer coupling for mounted cable winches is not allowed in accordance with StVZO (German traffic regulations). All prices given in EURO, exclusive of VAT. Pricing basis Zell a.H.

MOUNTED WINCHES
SINGLE DRUM THREE-POINT MOUNTING

THREE YEAR RITTER WARRANTY!
(Our parts warranty on the worm gear)

S 50-EK / S 60-EK / S 70-EK – OPTIMUM TRACTION IN EVERY POSITION | Regardless of the cable position –trrtf with S 50 / S 60 / S 70 winches the optimum pulling power is guaranteed. By continuously checking the actual cable position, the winch adjusts automatically to provide maximum traction at any level.

S 50-EK / S 60-EK / S 70-EK
TECHNICAL DATA AND PRICES

TYPE	S 50-EK	S 60-EK	S 70-EK
Constant tractive force (kN/~t)	50/5	60/6	70/7
Recommended cable capacity (Length/Ø, m/mm)	130/10	110/11	100/12
For vehicles from...to... (kW/HP)	51/70 - 74/100	59/80 - 88/120	74/100 - 103/140
Skidding blade width – standard	1,8 m	1,8 m	2,0 m
Weight (kg)	approx. 670	approx. 670	approx. 690
Item No.	(S50-01-00-001)	(S60-01-00-001)	(S70-01-00-001)
Including guard screen and trailer coupling	**16.600.–**	**17.200.–**	**18.200.–**

· Own electrohydraulic power supply including manual control box and 5 m cable
· Including Tool box with cover

ACCESSORIES / FREIGHT	S 50-EK	S 60-EK	S 70-EK
Skidding blade 2,0 m	**500.–**	**500.–**	Serie
Skidding blade 2,2 m	**730.–**	**730.–**	**500.–**
Plug-In Trailer Coupling	**520.–**	**520.–**	**520.–**
Proportional load lowering brake	(S70-01-00-17) **460.–**	(S70-01-00-17) **460.–**	(S70-01-00-17) **460.–**
Cable feed brake	(S70-01-00-10) **1.300.–**	(S70-01-00-10) **1.300.–**	(S70-01-00-10) **1.300.–**
Cable ejector / Cable feed brake	(S70-02-00-09) **2.500.–**	(S70-02-00-09) **2.500.–**	(S70-02-00-09) **2.500.–**
Steel cable (m/mm) Heavy-duty logging type, compacted, with loop	130/10 (10130P) **559.–**	110/11 (11110P) **495.–**	100/12 (12100P) **490.–**
Sliding hook	(53100012) **1/2" 15.–**	(53100012) **1/2" 15.–**	(53100020) **5/8" 20.–**
Cardan shaft Walterscheid	(117332) **160.–**	(117332) **160.–**	(117332) **160.–**
Radio control unit	see page 25	see page 25	see page 25

The standard trailer coupling for mounted cable winches is not allowed in accordance with StVZO (German traffic regulations).All prices given in EURO. exclusive of VAT. Pricing basis Zell a.H.

MOUNTED WINCHES
SINGLE DRUM THREE-POINT MOUNTING

CONSTANT TRACTION WINCHES WITH NO LOSS OF TRACTIVE FORCE

NEW SD 100-E

BENEFITS SD WINCHES

- High cable capacity
- Optimum cable winder through mechanical cable allocation
- Centre mounted PTO drive
- Optimum overlap of coupling and brake
- Constant tractive force (except SD 100-E)
- Double role with lateral guide roller
- Strong cable ejector with two hydraulic engines
- Extensive accessories

SD 50-EK / SD 60-EK / SD 70-EK / SD 100-E
TECHNICAL DATA AND PRICES

TYPE	SD 50-EK	SD 60-EK	SD 70-EK	SD 100-E
Constant tractive force (kN/t)	constant 50/5	constant 60/6	constant 70/7	100/10
Max. cable capacity (Length/Ø, m/mm)	220/10	180/11	150/12	110/14
Weight without cable (kg)	680	680	700	700
For vehicles from...to... (kW/HP)	51/70 – 74/100	59/80 – 88/120	74/100 – 103/140	74/100 – 103/140
Skidding blade	1,8 m	1,8 m	2,0 m	2,0 m
Safety equipment activation	hydraulic	hydraulic	hydraulic	hydraulic
Drive	Worm gear	Worm gear	Worm gear	Worm gear
Item no.	(SD50-01-00-001)	(SD60-01-00-001)	(SD70-01-00-001)	(SD100-01-00-001)
Including guard screen and trailer coupling	**22.300.–**	**22.700.–**	**23.600.–**	**21.600.–**

· Own electrohydraulic power supply including manual control box and 5 m cable
· Including Tool box with cover

ACCESSORIES / FREIGHT	SD 50-EK	SD 60-EK	SD 70-EK	SD 100-E
Skidding blade 2,0 m	**500.–**	**500.–**	Standard	Standard
Skidding blade 2,2 m	**730.–**	**730.–**	**500.–**	**500.–**
Folding blade 2,2m (via tractor hydraulic system)	**3.800.–**	**3.800.–**	**3.800.–**	**3.800.–**
Plug-In trailer coupling	Standard	Standard	Standard	Standard
Proportional load lowering brake (radio) per drum	**460.–**	**460.–**	**460.–**	**460.–**
Cable ejector / Cable feed brake	Standard	Standard	Standard	Standard
Steel cable (m/mm) Heavy-duty logging type, compacted, with loop	130/10 **559.–**	110/11 **495.–**	100/12 **490.–**	100/14 **900.–**
Sliding hook	**1/2" 15.–**	**1/2" 15.–**	**5/8" 20.–**	**3/4" 40.–**
Cardan shaft	**160.–**	**160.–**	**160.–**	**160.–**
Radio control unit	see page 25	see page 25	see page 25	see page 25

The standard trailer coupling for mounted cable winches is not allowed in accordance with StVZO (German traffic regulations).
All prices given in EURO, exclusive of VAT. Pricing basis Zell a.H.

MOUNTED WINCHES
DOUBLE DRUM THREE-POINT MOUNTING

S 27-DYED / S 80-D / S 66-3 P – PROFESSIONAL WINCHES WITH LOW CENTRE OF GRAVITY | With a tractive force up to 2 x 100 kN / 10 t a low centre of gravity is more significant. It is worth highlighting the central position of the PTO drive of these winches. The worm gear provides constant and powerful traction of the winch. S66-3 P without illustration. Upon request, the double drum winches can be delivered without choker chain holder. The skidding blade then features a nearly flat surface. As with all RITTER winches, the standard head may be used on public roads under certain circumstances. All RITTER S 27 / S 80 winches can be equipped or retrofitted with the combined cable ejector and feed brake.

THREE YEAR RITTER WARRANTY!
(Our parts warranty on the worm gear)

S 27-DYED

S 80-D

S 27-DYED
Back and side view

S 80-D
Back and side view

S 27-DYED / S 80-D / S 66-3 P
TECHNICAL DATA AND PRICES

TYPE	S 27-DYED	S 80-D	S 66-3 P
Tractive force (kN/t)	2x 70/7	2x 80/8	2x 100/10
Max. cable capacity (Length/Ø, m/mm)	2x 90/12 2x 110/11 2x 120/10	2x 100/13 2x 120/12 2x 140/11	2x 90/14 2x 110/13
Weight without cable (kg)	750	920	1.100
For vehicles from...to... (kW/HP)	51/70 – 74/100	51/70 – 88/120	74/100 – 118/160
Skidding blade	1,8 m	1,8 m	2,0 m
Safety equipment activation	hydraulic	hydraulic	hydraulic
Item no.	(27-01-00-11)	(S80-01-00-002)	(77-01-03-133)
Including guard screen and trailer coupling	**19.800.–**	**22.700.–**	**27.900.–**

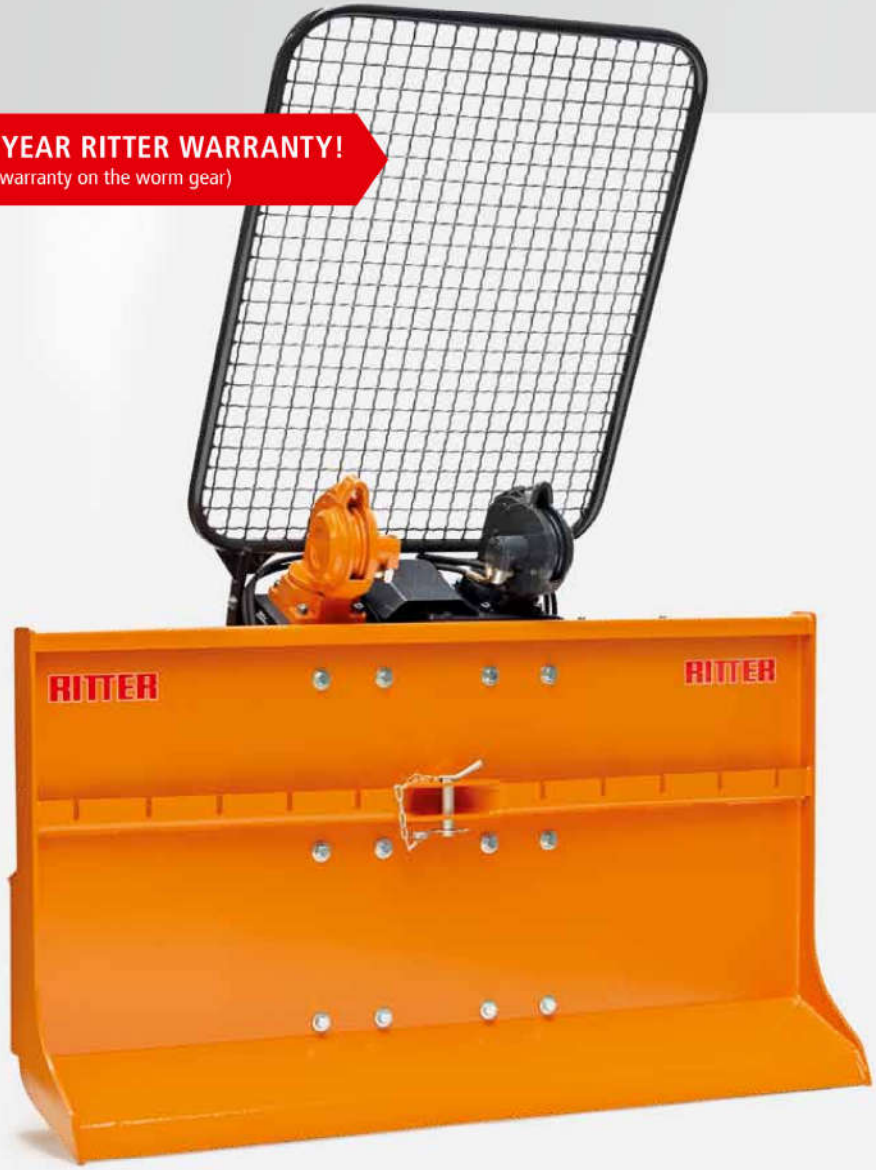
· Own electrohydraulic power supply including manual control box and 5 m cable
· Including Tool box with cover

ACCESSORIES / FREIGHT	S 27-DYED	S 80-D	S 66-3 P
Skidding blade 2,0 m	**460.–**	**460.–**	(S66/20) Standard
Skidding blade 2,2 m	**730.–**	**730.–**	**460.–**
Plug-In trailer coupling	(S27/AHK) **520.–**	**520.–**	(S66/AHK) **520.–**
Proportional load lowering brake (radio) (per drum)	(S27/PLB) **460.–**	(S70-01-00-17) **460.–**	(S66/PLB) **460.–**
Traction adjustment (per drum)	(S27/ZKE) **570.–**	**570.–**	(S66/ZKE) **570.–**
Cable feed brake (per drum)	(S27/SEB) **1.300.–**	(S70-01-00-07) **1.300.–**	(S66/SEB) **1.300.–**
Cable ejector / Cable feed brake (both sides)	(S27D/SAV) **3.400.–**	(S70-02-00-04) **3.400.–**	upon request
Cardan shaft 610 mm	(104061) **110.–**	–	–
Cardan shaft Walterscheid / 710 mm	(117332) **160.–**	(692813) **230.–**	(692813) **230.–**
Steel cable (m/mm) Heavy-duty logging type, compacted, with loop	2 x 80/12 (12080P) **784.–**	2 x 90/13 (13090P) **954.–**	2 x 80/14 (14080T) **1.440.–**
Sliding hook	(53100020) 2x **5/8" 40.–**	(53100020) 2x **5/8" 40.–**	(53100030) 2x **3/4" 80.–**
Radio control unit	see page 25	see page 25	see page 25

The standard trailer coupling for mounted cable winches is not allowed in accordance with StVZO (German traffic regulations).
All prices given in EURO, exclusive of VAT. Pricing basis Zell a.H.

MOUNTED WINCHES
DOUBLE DRUM THREE-POINT MOUNTING

THREE YEAR RITTER WARRANTY!
(Our parts warranty on the worm gear)



S 50-DK / S 60-DK / S 70-DK – OPTIMUM TRACTION IN EVERY POSITION | Regardless of the position in which you find yourself, the S 50 / S 60 / S 70 winches always provide optimum traction. By continuously checking the actual cable position, the winch automatically adjusts to provide maximum traction at any level.

S 50-DK / S 60-DK / S 70-DK
TECHNICAL DATA AND PRICES

TYPE	S 50-DK	S 60-DK	S 70-DK
Constant tractive force (kN/~t)*	2x 50/5	2x 60/6	2x 70/7
Recommended cable capacity (Length/Ø, m/mm)	2x 130/10	2x 110/11	2x 100/12
For vehicles from...to... (kW/HP)	59/80 - 88/120	74/100 - 118/160	74/100 - 118/160
Width of standard skidding blade	1,8 m	1,8 m	2,0 m
Weight (kg)	approx. 900	approx. 900	approx. 920
Item no.	(S50-01-00-002)	(S60-01-00-002)	(S70-01-00-002)
Including guard screen and trailer coupling	**22.900.–**	**23.500.–**	**24.200.–**

· Own electrohydraulic power supply including manual control box and 5 m cable
* During simultaneous operation of both winches, the traction force is not maintained constant for safety reasons!
· Including Tool box with cover

ACCESSORIES / FREIGHT	S 50-DK	S 60-DK	S 70-DK
Skidding blade 2,0 m	**500.–**	**500.–**	Standard
Skidding blade 2,2 m	**730.–**	**730.–**	**500.–**
Plug-In trailer coupling	**520.–**	**520.–**	**520.–**
Proportional load lowering brake (per drum)	(S70-01-00-17) **460.–**	(S70-01-00-17) **460.–**	(S70-01-00-17) **460.–**
Cable feed brake (per drum)	(S70-01-00-07) **1.300.–**	(S70-01-00-07) **1.300.–**	(S70-01-00-07) **1.300.–**
Cable ejector / Cable feed brake (both sides)	(S70-02-00-04) **3.400.–**	(S70-02-00-04) **3.400.–**	(S70-02-00-04) **3.400.–**
Steel cable (m/mm) Heavy-duty logging type, compacted, with loop	2 x 130/10 (10130P) **1.118.–**	2x 110/11 (11110P) **990.–**	2x 100/12 (12100P) **980.–**
Sliding hook	(53100012) 2x **1/2" 30.–**	(53100012) 2x **1/2" 30.–**	(53100020) 2x **5/8" 40.–**
Cardan Shaft Walterscheid	(117332) **160.–**	(117332) **160.–**	(692813) **230.–**
Radio control unit	see page 25	see page 25	see page 25

The standard trailer coupling for mounted cable winches is not allowed in accordance with StVZO (German traffic regulations). All prices given in EURO, exclusive of VAT. Pricing basis Zell a.H.

MOUNTED WINCHES
DOUBLE DRUM THREE-POINT MOUNTING

THREE YEAR RITTER WARRANTY!
(Our parts warranty on the worm gear)

CONSTANT TRACTION WINCHES WITH NO LOSS OF TRACTIVE FORCE

SD 70-DK
Front view

High cable capacity

Double role with lateral guide roller

BENEFITS SD WINCHES

- High cable capacity
- Optimum cable winder through mechanical cable allocation
- Centre mounted PTO drive
- Optimum overlap of coupling and brake
- Constant tractive force
- Double role with lateral guide roller
- Strong cable ejector with two hydraulic engines
- Extensive accessories

SD 50-DK / SD 60-DK / SD 70-DK
TECHNICAL DATA AND PRICES

TYPE	SD 50-DK	SD 60-DK	SD 70-DK
Constant tractive force (kN/t)	50/5	60/6	70/7
Max. cable capacity (Length/Ø, m/mm)	2x 220/10	2x 180/11	2x 150/12
Weight without cable (kg)	910	910	930
For vehicles from...to... (kW/HP)	51/70 – 74/100	59/80 – 88/120	74/100 – 103/140
Skidding blade	1,8 m	1,8 m	2,0 m
Safety equipment activation	hydraulic	hydraulic	hydraulic
Drive	Worm gear	Worm gear	Worm gear
Item no.	(SD50-01-00-002)	(SD60-01-00-002)	(SD70-01-00-002)
Including guard screen and trailer coupling	**31.800.–**	**32.300.–**	**32.900.–**

· Own electrohydraulic power supply including manual control box and 5 m cable
· Including Tool box with cover

ACCESSORIES / FREIGHT	SD 50-DK	SD 60-DK	SD 70-DK
Skidding blade 2,0 m	**500.–**	**500.–**	Standard
Skidding blade 2,2 m	**730.–**	**730.–**	**500.–**
Folding blade 2,2m (via tractor hydraulic system)	**3.800.–**	**3.800.–**	**3.800.–**
Plug-In trailer coupling	Standard	Standard	Standard
Proportional load lowering brake (radio) per drum	**460.–**	**460.–**	**460.–**
Cable ejector / Cable feed brake	Standard	Standard	Standard
Steel cable (m/mm) Heavy-duty logging type, compacted, with loop	2 x 130/10 **1.118.–**	2 x 110/11 **990.–**	2 x 100/12 **980.–**
Sliding hook	**1/2" 30.–**	**1/2" 30.–**	**5/8" 40.–**
Cardan shaft	**160.–**	**160.–**	**230.–**
Radio control unit	see page 25	see page 25	see page 25

The standard trailer coupling for mounted cable winches is not allowed in accordance with StVZO (German traffic regulations).
All prices given in EURO, exclusive of VAT. Pricing basis Zell a.H.

BENEFITS PYTHON LOGGING CABLES

- Increased cable breaking load
- Round surface (improved abrasion resistance)
- Bigger length measurement of the winch
- Very good filling and stranding factor
- Long-term greasing and corrosion protection by special impregnation
- High flexibility
- Long lifetime

ROPE FIX

- No breaking load loss
- KWF-tested

ACCESSORIES

SPECIAL WIRE CABLES | Heavy-duty logging cable, compacted with high breaking load. Highly flexible and economic thanks to special construction. Delivered with loop.

Ø (mm) / Min. breaking force (kN)	9 / ≥ 80	10 / ≥ 100	11 / ≥ 120	11,5 / ≥ 143	12 / ≥ 140	13 / ≥ 160	14 / ≥ 180	14 / ≥ 200	15 / ≥ 210
70 m	(09070P) **280.–**	(10070P) **301.–**	(11070P) **315.–**	(115070) **455.–**	(12070P) **343.–**	(13070P) **371.–**	(14070P) **399.–**	(14070T) **630.–**	(15070P) **424.–**
80 m	(09080P) **320.–**	(10080P) **344.–**	(11080P) **360.–**	(115080) **520.–**	(12080P) **392.–**	(13080P) **424.–**	(14080P) **456.–**	(14080T) **720.–**	(15080P) **484.–**
90 m	(09090P) **360.–**	(10090P) **387.–**	(11090P) **405.–**	(115090) **585.–**	(12090P) **441.–**	(13090P) **477.–**	(14090P) **513.–**	(14090T) **810.–**	(15090P) **545.–**
100 m	(09100P) **400.–**	(10100P) **430.–**	(11100P) **450.–**	(115100) **650.–**	(12100P) **490.–**	(13100P) **530.–**	(14100P) **570.–**	(14100T) **900.–**	(15100P) **605.–**
110 m	(09110P) **440.–**	(10110P) **473.–**	(11110P) **495.–**	(115110) **715.–**	(12110P) **539.–**	(13110P) **583.–**	(14110P) **627–**	(14110T) **990.–**	(15110P) **665.–**
120 m	(09120P) **480.–**	(10120P) **516.–**	(11120P) **540.–**	(115120) **780.–**	(12120P) **588.–**	(13120P) **636.–**	(14120P) **684.–**	(14120T) **1.080.–**	(15120P) **726.–**

DYNEEMA SYNTHETIC WINCH CABLES

- Little Effort
- Good coil performance
- Easy application
- Weather-resistant
- High abrasion resistance
- High breaking resistance with low weight

Cable Ø mm	Breaking force daN	Breaking force Splice daN	Weight kg / 100m	Expansion	Price / m
10	10500	9200	7,40	< 1,5 %	**6,30**
12	14500	12800	10,20	< 1,5 %	**9,60**
14	17500	15800	12,50	< 1,5 %	**10,60**
16	22000	20700	15,00	< 1,5 %	**13,15**

Winch traction in t	Cable Ø mm	Maximum load	Bolt Ø	Width betw. end plates	End plates Ø	Item no.	Price
5 t	10	7,5 t	16,5 mm	50 mm	36,5 mm	(596010401)	**45.–**
10 t	12-16	11,6 t	21,5 mm	57 mm	53,5 mm	(596010402)	**55.–**

Hook for Rope fix	Type	For thread	Allowed traction kN	Weight kg / St.	Item no.	Price
5 t	P/S 7/8	7 + 8 mm	50	0,40	(15569986)	**15.–**
10 t	P/S 10	10 mm	80	0,90	(15569988)	**20.–**

All prices given in EURO., exclusive of VAT. Pricing basis Zell a.H.

HBC-RADIO CONTROL UNITS

HBC RADIO CONTROL UNIT 508	TYPE	PRICE
Single drum winch	FST 508 patrol S	**1.195.–**

Delivery:
- Dynamic intermittent brake
- Internal antenna
- Holder
- Battery charger: 230 V
- 2 rechargeable batteries

Connection possibilities:
- Forestry emergency call
- Motor-Start and -Stop
- Continuous regulation of motor speed (pole reversing gear change)

HBC RADIO CONTROL UNIT 511	TYPE	PRICE
Single drum winch	FST 511 patrol S	**1.490.–**
Single drum winch	FST 511 patrol DE	**1.730.–**
Double drum winch	FST 511 patrol DD	**1.960.–**

Delivery:
- Dynamic intermittent brake
- Antenna FL70
- Holder
- Battery charger: 230 V
- 2 rechargeable batteries

Connection possibilities:
- Forestry emergency call
- Motor-Start and -Stop
- Continuous regulation of motor speed (internal prop. gas pedal or pole reversing gear change)

OPTIONS		PREIS
FST 511 + PG	Internal prop. gas pedal	**275.–**
FST 511 + PBE	Prop. Brake (0 - 2.2 A), unilateral (right)	**150.–**
FST 511 + PBD	Prop. Brake (0 - 2.2 A), bilateral (left + right)	**300.–**
FST 511 + FF	Driving radio control	upon request

Note:
- Option FST 511 + PG can be added to all FST 511 patrol S, patrol DE and patrol DD
- Options FST 511 + PBE can be added to all FST 511 patrol DE and patrol DD (on DD with drum on the right)
- Option FST 511 + PBD/FF/GS can be added to all FST 511 patrol DD

All prices given in EURO, exclusive of VAT. Pricing basis Zell a.H.

Radio control unit 508 (not expandable)

FST 508 patrol S

Radio control unit 511 (expandable)

FST 511 patrol S

FST 511 patrol DE and DD