Silvatec
Sleipner Harvester



The Ultimate Harvester . . .



The name Sleipner is taken from Nordic mythology, where Odin is supreme of the Nordic Gods. Sleipner is Odin's 8-legged horse, which ran as well in the air as on the ground.
Sleipner the horse had no equal among Gods or humans.
Sleipner the harvester has no equal among harvesters.





Silvatec A/S

Silvatec is a leading manufacturer of machines and equipment for the forest industry. The company's flagship is the advanced Sleipner harvester, but the product range also includes harvesting heads, a mobile chipping machine and equipment for Christmas trees, decorative greenery and other row cultures within the forestry environment.

Silvatec has produced machines and equipment for the forest industry since 1986 and has established subsidiaries in Ireland, Wales and France.

In spite of its growth, Silvatec's basic values remain unchanged. Silvatec stands for quality and complete solutions.

The Silvatec machines show maximum consideration for the driver's working conditions as well as for the forest. The machines are developed in close co-operation with our customers and with focus on strength, capacity and reliability.

No matter the task and the type of forestry, Silvatec supplies the optimum equipment. The objective is to supply the best products on the market.

Standard specifications Silvatec 8266 TH Sleipner

The standard machine is fitted with Loglift 220 V crane, Silvatec 445 MD50 harvesting head and TM 2200 computer.

Engine
- Mercedes OM 906 LA diesel engine
- 205 kW / 278 HP at 2100 rpm.
- 6-cylinder Turbo Diesel with Intercooler
- Max. torque 1100 Nm from 1250 to 1500 rpm.
- Complies with the EEC requirements in force for emission

Transmission and tractive power
- Hydrostatic transmission with 2 mechanical and 2 hydraulic gears (automatic)
- Dynamic tractive power (theoretic): 146 kN
- NAF gear bogies with planetary gears
- 8-wheel drive
- Differential lock front and rear

Brakes
- Oil-immersed, multiple disc double circuit brake system
- Fully hydraulic spring-brake as parking brake
- Air-activated brake, automatically activated while harvesting

Hydraulics
- Load-sensing / constant pressure system
- 1 x 130 ccm hydraulic crane pump
- 1 x 195 ccm hydraulic harvesting pumps
- VOAC crane valve
- Oil cooling system with independent circulation
- Texaco Rando HDZ46 hydraulic oil

Steering
- Articulated frame steering +/- 50°
- Orbitrol road steering
- Integrated electrical off-road steering

Electrics
- 24 Volt – 2 x 12 Volt batteries
- 2 x 100 Amp alternators
- IQAN central control system with read-out of engine speed, temperature, oil pressure, and fuel level, adjustment of working revs. etc. The system gives complete control of the crane with 1 basic and 3 individual settings.

Crane
- Loglift 220 V / 83 crane with 8.3 m reach
- Lifting torque 188 kNm
- Slewing torque 43.6 kNm
- Crane-tilt – tilts 30º forwards and 15º to the rear
- AV12S rotator - Indexator

Cab
- Super-comfort and spacious cab with large rounded windows for optimum view to the sides and upwards
- Safety-tested according to the ISO standards
- ROPS, OPS and FOPS approved
- Tiltable lengthwise (forwards 10°, backwards 15°)
- The interior design of the cab, including entry and exiting, complies with the highest of ergonomic guidelines
- Soundproofed and heat-insulated
- KAB 554 LUF air-suspended driver's seat with sliding adjustment of position and height
- Adjustable armrests
- SAKAE mini-levers with harvesting controls
- Automatic climate-controlled air conditioning system
- LEXAN/MARGARD polycarbonate safety-screens
- Wiper/washeron front screen with IQAN control
- 12 V power point for cigarette lighter/telephone etc.
- Radio/CD
- Cup holder

Tyres
- 8 Trelleborg 422 SB 600/55 x 26.5 tyres – 16 ply, width of standard machine 2.62 m

Dimensions and weight of the base machine
- Length: 7.70 m
- Width: approx. 2.62 m with standard tyres (min. width 2.46 m)
- Ground clearance: 580 mm
- Transport height: 3.30 m
- Turning radius: ca. 7.50 m
- Diesel tank: 400 litres
- Hydraulic oil tank capacity: 400 litres
- Weight: approx. 17,000 kg (without the head)

Working light
- Gas discharge lamps (cold light), which supply more than double the illumination of halogen lamps with reduced power consumption.
- The following 10 gas discharge lamps are fitted as standard on the roof:
  - 2 lamps forwards
  - 2 lamps rearwards
  - 2 lamps upwards
  - 4 lamps to the sides
- In addition, the following lamps are fitted as standard on the machine:
  - 2 gas discharge lamps on the crane pillar, continuously focused on the work area
  - 2 halogen lamps on the side of the cab (1 on each side)
  - 2 halogen lamps are integrated in the rear bumper
  - 4 halogen lamps on the slew

Standard equipment
- Glass fibre strengthened polyester engine and hydraulic components bonnets.
- Chassis integrated chain lubrication tank (20 l)
- Electrically controlled cabin access ladder
- Electrically controlled door
- 1 fire extinguisher (6 kg)
- Twin cylinder pivot stabilizer
- Chain lubrication system
- Electric filling system for fuel and hydraulic oil
- Dust-free pressurised cabin
- Reflective rear triangle
- Roof mounted hazard beacon

The manufacturer reserves the right to make changes.

Options
Silvatec 8266 TH Sleipner

Harvesting head / measuring system
- Fitted with Silvatec 445 MD50 head / TM 1000 measuring system
- Fitted with Silvatec 560 head / TM 2200 measuring system
- Fitted with Silvatec 560 head / TM 1000 measuring system

Tyres
- 8 Nokian TRS 600/55 x 26.5 tyres – 16 ply, Width: 2.62 m (minimum width 2.46 m)
- 8 Nokian TRS 700/55 x 26.5 tyres – 16 ply, Width: 2.82 m (minimum width 2.66 m)
- 8 Trelleborg 422 SB 710/45 x 26.5 – 16 ply, Width: 2.82 m (minimum width 2.66 m)
- 8 Trelleborg 428 SB 600/55 x 26.5 - 16 ply. With tracks the width of the machine will be 2.82 m
- 8 Trelleborg 428 SB 710/45 x 26.5 - 16 ply. With tracks the width of the machine will be 2.82 m.
- Liquid ballasting
- Tracks

Crane
- Loglift 220 V / 100 crane med 10.0 m reach
- K2000 crane damping system
- Indexator double-braked link

Cab
- Efficient engine and cab preheater (Webasto)
- Sun blinds (various types)
- Cool box, 12 V

Working light
- 2 extra lamps (h3) one the machine - under slew (to the sides)

Additional options
- Urea system with integrated 80 l tank
- Electric filling system for the urea system (will not be fitted, but only delivered with the machine)
- Vacuum system
- SIT RIGHT on seat with side adjustment
- Texaco Hydra 46 bio-oil
- Firetrace automatic fire extinguishing system with powder – 1 x 6 kg
- Rear window wiper
- Tool bag with tools
- Electric filling system for chain oil
- Auxiliary oil feed to the head
- Automatic levelling of crane
- Automatic levelling of cab
- Seat alignment, lengthwise
- Kangaroo grille in front of the machine
- Bumper
- Dozer blade
- Protection of desert filter
- Winch
- Belts/tracks
- Electronic calliper











With Silvatec's new Sleipner harvester design, comfort and functionality come together to form the ultimate harvester

The Silvatec Sleipner harvester has been designed and developed by an industrial designer in close cooperation with several long established contractors. For that reason all possible refinements have been taken into consideration in order to make the working day in the forest as pleasant and efficient as possible.

Low, strong and flexible

In comparison with other harvesters, Sleipner's reduced height and centre of gravity make it stable and easy to manoeuvre in the forest. It is the lowest machine of its size while still retaining its class leading ground clearance.



The Sleipner is equipped with the latest and most advanced engine technology from MercedesBenz and crane technology from Loglift. The machine is fitted with 10 gas discharge lamps with reduced power consumption, and massively increased output supplying optimum working light.

The Sleipner is extremely versatile and is capable of a variety of different tasks. In short, Sleipner is the most versatile harvester on the market.



Cab with optimum view

The Sleipner harvester has large rounded windows, which give the driver a perfect view through 360°. The spacious cab, which is fitted with a comfortable seat, is a perfect stress free working environment incorporating all the high tech of the modern office.

An IQAN central control computer in the cabin gives a read-out of engine revs., engine temperature, oil pressure, etc. The system can be used to gain full control of the complete machine including the crane.

For more technical information, please see the machine specifications.



Silvatec's head office is located in Farsoe, Denmark, where production takes place. We have established subsidiaries in France, Ireland and Wales.



Silvatec 8266 TH Sleipner harvester fitted with the new Silvatec 560 harvesting head. Sleipner is as standard fitted with Silvatec 445 MD50 harvesting head, but can also be fitted with the larger Silvatec 560 harvesting head.

Silvatec 878 CH mobile chipper, which is known for its high capacity.





Silvatec harvesting heads can be fitted on most excavator brands.

Silvatec chipper





Silvatec 560 is the new updated version of the old 555 MD60 harvesting head. Silvatec harvesting heads can with advantage be fitted on most harvester brands.

Silvatec felling head. Unique, well-tested product.



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