

# VERRATO V5



SAMPO ROSENLEW







#### Quality from Finland

Sampo-Rosenlew Ltd established in 1991. The manufacture of agricultural machinery and harvesters in the plant dates much further back, all the way year 1853.

The well-known Sampo combine harvesters have been designed and manufactured in Pori, Finland since 1957. The continuous and innovative product development has resulted in the manufacture of over 50,000 Finnish combine harvesters. During its long history Sampo-Rosenlew has become familiar with demanding threshing conditions and farmers' needs all over the world. The company designs and manufactures also forest machinery.

Sampo-Rosenlew also provides solutions for localization manufacturing.



## VERRATO V5 -LEGACY CONTINUES

The Verrato- series V5 continues that legacy, the SR 2000 -series started. These series have served farmers' needs indefatigably over decades. The range has been sold throughout the world to thresh the most exotic species of plants. The feedback received from round the world has helped us develop our combines more versatile and reliable than ever. A host of appreciated properties are combined in this combine harvester – a wide cutting table and threshing unit, a good selection of different engines and a large grain tank.

The superb technology of the SR V5 is based on a wide threshing unit, the heavy-duty bolt cylinder with 8 rasp bars and five straw walkers. The combine has a large 3,300-litre grain tank to enable long unloading intervals to increase valuable threshing time. The sources of power is either a 150-hp or 185 -hp, 6-cylinder AGCO Power or POWEROL engine. The transmission is mechanical or hydrostatic driven.







## CUTTING HEADER

There are several header widths ranging from 3.45 to 5.1 meters. The table width can be chosen depending on yield or field sizes. Sampo dealers can be consulted about the right width to suit your particular needs.

A table auger with a large diameter feeds the grain efficiently into the combine. The work is facilitated by robust feed fingers throughout the whole width of the table on tables 3.9 meters wide and wider. Reel height is adjusted hydraulically, and reel speed electrically. The fore/aft adjustments are mechanically.

## SPECIAL CROPS

For harvesting special crops, you need a different header fitting.

For corn a 4-row corn header can be fitted to the 2045 if needed. Also, sunflower attachment are available or a sunflower header.

## CYLINDER AND CONCAVE

The V5 model feature a cylinder with a diameter of 500 mm; a heavy-duty cylinder with eight rasp bars. The heavy-duty cylinder, originally designed to be used in maize fields, comes as standard. The cylinder houses eight rasp bars bolted on cast-iron center plates. The cylinder is considerably heavy design, which means that load peaks are hardly noticeable.

A thin wired concave guarantees clean threshing in the most demanding conditions. The through holes of the piano wires are significantly larger in diameter than the wires, which mean that the wires can vibrate slightly all the time thus improving the concave capacity. When harvesting other crops such as maize or sunflower, a universal concave with robust wires is available.

## SEPARATION

The grain pan is equipped with four removable sections. They can be pulled out for cleaning with a special tool which comes with the combine.

V5 model have five straw walkers with four steps. The straw walkers are with removable bottoms, for easy cleaning.

The V5 come with an adjustable upper sieve. The sieve extension can be chosen to suit the conditions. A standard extension is supplied with every model. The alternatives to choose from include a slope extension and a rape seed extension.

The bottom sieve is of a round-hole-type. When placing an order for a combine, an adjustable type of bottom sieve may also be chosen.

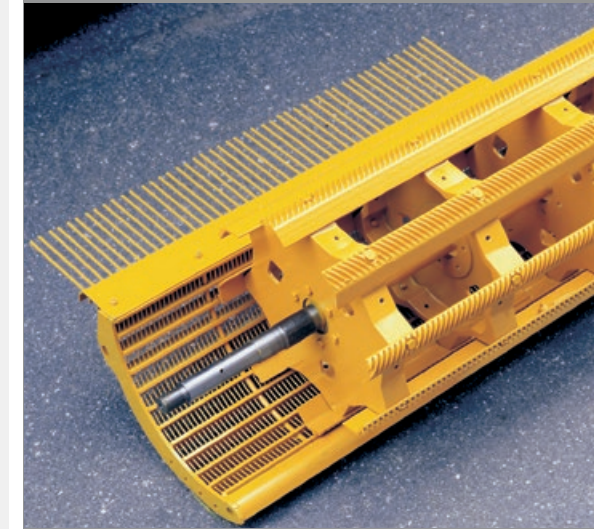
## GRAIN TANK

The combine can be equipped with different grain tank options to suit your needs. The height of the cover determines the tank capacity. The smallest tank capacity is 3,300, the next size is 3,700 and the largest 4,200 liters.

The bottom of the grain tank is of a W shape type on every model. This design with the filling auger located in the center has proved extremely efficient in an even distribution of the grain in the tank.

The unloading pipe is sufficiently long. The unloading height is standard 3.4 meters or you can choose as an option even 4 m high.

The SR V5 can be fitted even without a grain tank. The grain tank is replaced with a platform and with bagging equipment. A handy slide on the left hand side of the combine, slides down your bags of grain.







ENGINE AND TRANSMISSION

Depending on your country's emission controls the combine can be equipped with Tier0 or Tier3 engines. The power rate is from 150 hp up to a 185 hp, 6-cylinder engine.

Efficient suction located on the intake air mesh ensures that the large cooling cells are continuously supplied with fresh air. A rotating suction air screen is standard. A belt driven blowing impeller located outside the cooler supplies enough cooling air.

The combine can be equipped with mechanical or hydrostatic transmission. If the combine is equipped with hydrostatic transmission a 4-wd can be fitted as well. Different tire options are available also, depending on your harvesting conditions.

SR STD+ CAB -PRACTICAL AND GOOD LOOKING

The SR V5 cab's outlook has features from Sampo's famous Comia-series combines. Special attention has been paid to driver comfort in the design of the cab. Driving ergonomics and visibility are extremely good. The driver's seat has an optimum location to guarantee good visibility ahead as well as over the knife, the table auger and the table corners through the large windows. Each cab features a heater as standard.

The combine is equipped with a SR –standard+ cab. If it is equipped with mechanical transmission, there are four hydraulic levers independent of the model. On hydrostatic transmission models, you control the combine with a multi-purpose lever. The lever includes the header adjustments, lifting the header and reel up and down.

The SR V5 can be also equipped with an operator's platform. The platform is equipped with a handy sun-canopy.

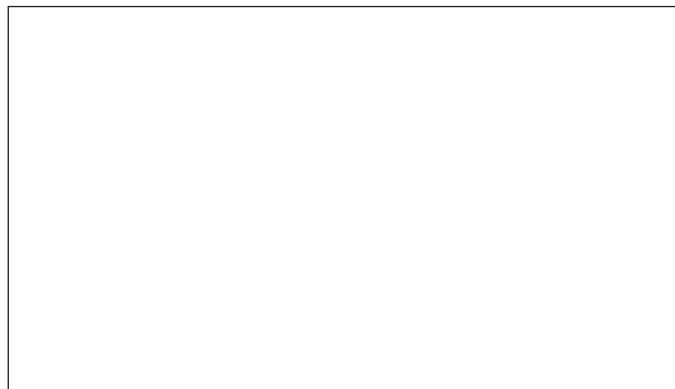
Technical specifications		V5
CUTTING TABLE		
Standard width	m	4,2
optional widths	m	3,1 - 5,1
Cutting height	m	- 0,20...+1,20
Knife speed	strokes/min	1020
Header reverse	type	mec. or elec.
REEL		
Diameter	m	1,05
Speed range	rpm	15...49
Speed adjustment		elec.
Electric fore/aft adjustment		mec. or elec.
THRESHING CYLINDER		
Width/diameter	m	1,11 / 0,50
HD -cylinder		std
Number of rasp bars		8
Rasp bar type		changeable
Speed range	rpm	600...1300 or 400...1150
Speed adjustment		mec. or elec.
CONCAVE		
Area	m²	0,51
Angle of wrap	°	105
Number of rasp bars		12
Steppless adj.range	mm	6...42
STRAW WALKERS		
Number		5 (opt. 4)
Total separation area	m²	4,80
SHAKER SHOE		
Top sieve	m²	1,74 + 0,33
Bottom sieve	m²	1,33
Total area	m²	3,40
Fan speed adjustment		mec. or elec.
STRAW CHOPPER		
Swinging knife type		option
GRAIN TANK		
Capacity	m³	3,30 - 4,20
Discharge height	m	3,40 - 4,00

Technical specifications		V5
ENGINE		
Power	kW/hp	110/150
Optional power	kW/hp	125/170
Optional power	kW/hp	136/185
RPM/cylinder		2200/6T
Dual air filter with ejector pre-cleaning		standard
Fuel tank capacity	l	350
TRANSMISSION		
Type		hydro (mec. opt.)
Closed final drive		standard
TIRES		
Front		460/85R 34
or		600/65R34
Rear		360/70R20
or		11.5-15
CAB		
		SR-Std +
Seat model		std-model
Extra seat		std
Heater		std
Air conditioning		option
WEIGHT		
With standard header and chopper	kg	6 800
DIMENSIONS		
Lenght with std header w/o dividers	m	8,68
Transport height	m	3,65
Transport width with std header	m	4,60
Transport width w/o header with std tires	m	2,83
Clearance	m	0,43

ACCESSORIES AND EQUIPMENT		
Maize kit	Differential lock	Vertical knife
Rice kit	Straw collector	Stone arrestor
Sunflower attachment for cutting header	Straw chopper	Air conditioning
4-WD	Rape seed extension	Grain loss monitor



# SAMPO ROSENLEW

**Sampo Rosenlew Ltd**

Konepajanranta 2A  
P.O. Box 50  
FI-28101 Pori, Finland  
Tel. +358 207 550 555  
Fax +358 2 632 6546  
[www.sampo-rosenlew.fi](http://www.sampo-rosenlew.fi)