VERRATO V4
Sampo-Rosenlew Ltd is a family business established in 1991. The company operates in several fields of business such as the manufacture of hydraulic components and forest harvesters. The manufacture of agricultural machinery and combine harvesters in the plant dates much further back.

The well-known Sampo combine harvesters have been manufactured in Pori since 1957. The continuous and innovative product development has resulted in the manufacture of nearly 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.

Verrato’s roots go deep in the DNA of Sampo combines. 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 Verrato is based on a wide threshing unit, the heavy-duty bolt cylinder with 8 rasp bars and four straw walkers. The combine has a large 3,700-litre grain tank to enable long unloading intervals to increase valuable threshing time. The source of power is a 150 hp 4 cylinder Tier4f or 185 hp 6 cylinder Tier3a Agco Power engine. Tier 3a engine cannot be sold in EU or EPA emission territories. The transmission is hydrostatic driven.
There are several table widths ranging from 3.1 to 4.5 metres. The table width can be chosen depending on threshing speed or field sizes. 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 metres wide and wider. Rear height is adjusted hydraulically, and reel speed electrically. The fore/aft adjustments is 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 Verrato 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 on all models. The cylinder houses eight nasp 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 means 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.

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

The Verrato 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 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 litres.

The bottom of the grain tank is of a W shape type on every model. This design with the filling auger located in the centre 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 4 m high.
ENGINE AND TRANSMISSION

Verrato is equipped with efficient Agco Power engines. Depending on your country’s emission controls the combine can be equipped with Tier3 or Tier4f engines. The power rate is from a 4-cylinder 150 hp up to a 6 cylinder 185 hp 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 is equipped with hydrostatic transmission. When 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.

CAB

Special attention has been paid to driver comfort in the design of the cab of the Sampo Rosenlew combines. 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.

Verrato is equipped with a SR – standard cab. With hydrostatic transmission model, you control the combine with a multi-purpose lever. The lever includes the header adjustments, lifting the header and reel up and down.

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The product development of the Sampo Rosenlew combines continues. Therefore the Company reserves the right to modify the products without prior notice and without obligation to make the same modifications to combines previously manufactured. The pictures in this brochure are selected from globally used material, as a result some details may vary from country to country. Check the information with your dealer.