

RAPIDE Loader / Multi-purpose wagon

FORAGE

Schuitemaker



Schuitemaker Machines BV was established in 1919 as a manufacturer of machines for the agricultural and industrial sectors. Thanks to many years of experience, Schuitemaker has obtained a prominent position in both sectors. Over the years Schuitemaker has managed to maintain its position by listening to the needs of its customers and by carefully following the latest technological developments. The strength of the machines and other products is their simplicity in particular. Comfort, service, safety and durability for the user are the main pillars of the Company's success.

For the agricultural sector, Schuitemaker specialised in the following market segments:
- Forage production
- Feeding
- Manure (solid and liquid manure processing)

For the industrial sector Schuitemaker is specialised, among other things, in coldrolled sections, transport and tipping trailers, sand dumpers, volume dumpers and compost spreaders. In addition, Schuitemaker is the importer and distributor of Epoke winter machines for the Netherlands.

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RAPIDE

Troublefree Forage production

Schuitemaker's Rapide precision chop loader wagons have been a familiar presence on grass and maize fields both in the Netherlands and round the world for well over 30 years. The Rapide wagon range comes in 4 series, the Rapide Farmer and the 10, 100 and 1000 series, offering a capacity range from 27 m^3 to 60 m^3. The wagons all have a tandem chassis, except for the two largest models 7800 and 8400, which both have a tridem chassis. Much capacity, high quality, quality workmanship, reliability, high volume, high speed, superior cutting quality, ease of use, manoeuvrability and reliability are some of the specific features of the Rapide wagons. In this brochure you will read about the essential information on the Schuitemaker Rapide.

RAPIDE FARMER



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RAPIDE 10 SERIES



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MODELS

Type: RAPIDE		RAPIDE FARMER 58	RAPIDE 10 SERIES 55	RAPIDE 10 SERIES 65	RAPIDE 100 SERIES 520	RAPIDE 100 SERIES 580
Multi-purpose		No	Yes	Yes	Yes	Yes
Capacity DIN, standard	m3	30	27 (28 = V-model)	32 (33=V-model)	34	38 (35=V-model)
Dimensions (lxwxh), **standard**	cm	795x240x371 (Except W-&V- uitv.)	795x250x340 (Except V-model)	895x250x340 (Except V-model)	807x286x382 (Except V-model)	867x286x382 (Except V-model)
Dimensions incl. frontpanel	cm	-	795x250x380 (Except V-model)	895x250x380 (Except V-model)	-	-
Box dimensions (lxwxh)	cm	580x214x240	593x220x206 (Except V-model)	693x220x206 (Except V-model)	608x234x240	668x234x240 (Except V-model)
Pick up width	cm	180	180	180	200	200
Cutting length	cm	4,4	4,4	4,4	4,4	4,4
Wheeltrack	cm	190	190	190	210	210
Tandem	tons	14	18	18	18	24 (18= V-model)
Tridem	tons	-	-	-	-	-
Tyres standard		Alliance 500/45 R22,5	Alliance 560/45 R22,5	Alliance 560/45 R22,5	Vredestein 710/40 R22,5	Vredestein 710/40 R22,5*
Max. tyre height	cm	117	117	117	123	123
No. of wheels hydr. braked		4	4	4	4	4
Brakes		400x80	400x80	400x80	400x80	406x120 (Except V-model)
Side discharge conveyor(V-model)	cm	80	80	80	-	80
Hydraulic frontpanel		-	-	-	Optional	Optional
ISOBUS operation		-	-	-	Optional	Optional
Airbrakes		Optional	Optional	Optional	Optional	Optional
Ball coupling K80		Optional	Optional	Optional	Optional	Optional
RapidFlow intake roller		Optional	Optional	Optional	Standard	Standard
NIR - application		-	-	-	Optional	Optional
Weighing system		-	Optional	Optional	Optional	Optional
Option 30,5" tyres		-	-	-	-	-

NIR application and weighing system are explained in more detail on page 14

* 26,5" also available

RAPIDE 100 SERIES



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RAPIDE 1000 SERIES



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	RAPIDE 1000 SERIES				
660	5800	6600	7200	7800	8400
Yes	Yes	Yes	Yes	Yes	Yes
42 (39=V-model)	38	42	42	49	53
947x291x400 (Except V-model)	867x286x400	947x291x400	1007x285x400	1067x299x400	1127x299x400
-	-	-	-	-	-
748x234x240 (Except V-model)	668x234x240	748x234x240	808x234x220	868x234x240	928x234x240
200	200	200	200	200	200
4,4	4,4	4,4	4,4	4,4	4,4
215	215	215	195	223	223
30 (24= V-model)	24	30	30	-	-
-	-	-	-	40	40
Vredestein	Vredestein	Vredestein	BKT	Vredestein	Vredestein
710/50 R26,5	710/50 R26,5	710/50 R26,5	750/60 R26,5	710/50 R26,5	710/50 R26,5
137	137	137	155std, max 162	137	137
4	4	4	4	6	6
420x180 (Except V-model)	406x120	420x180	410x180	410x180	410x180
80	-	-	-	-	-
Optional	Optional	Optional	Standard	Optional	Optional
Optional	Optional	Optional	Optional	Optional	Optional
Optional	Optional	Optional	Optional	Optional	Optional
Optional	Optional	Optional	Standard	Optional	Optional
Standard	Standard	Standard	Standard	Standard	Standard
Optional	Optional	Optional	Optional	Optional	Optional
Optional	Optional	Optional	Optional	Optional	Optional
-	-	-	Yes	-	-



RAPIDE FARMER LOADER WAGON

With the arrival of the Rapide Farmer, Schuitemaker have introduced yet another sheer loader wagon, focused exclusively on harvesting. The Farmer models will be available with type Rapide 58. The Rapide Farmer features the intake rotor with trailing pick-up and cutting mechanism. The Farmer loader wagon is light in weight and its tandem has parabolic suspension as a standard feature. Tyre fitting is possible up to 117cm high and 71cm wide. Like is the case with the other Rapide wagons, this wagon comes in three models.

Rapide Farmer standard equipment

- Star-shaped rotor of 7 rows and 20 mm thick tines with hard facing
- Stripperframe which leads to uniform crop load
- Both rotor and pick-up 1,8 (m) wide, free running intake roller
- Wide-angle PTO-driveshaft with automatic cut-out clutch, 1000 rpm drive
- Height adjustable drawbar with swiveling towing-eye
- Hydraulic suspended drawbar with hydraulic cylinder and accumulator
- 40 cm yellow steel extension (fixed)
- Extra topguide with ropes above the wagon
- 2 Silage beaters (W and V)
- Integrated crossconveyor 80cm with discharge left or right (V)
- Crossconveyor scrollable below the platform (V)
- Unique suspended, floating pick-up with 2x2 pick-up wheels
- Single knivebar for max 39 knives (cutting length 4,4 cm)
- Standard equipped with 20 knives (6mm thickness, double edged)
- Steel floor with scraper floor, hydraulically one-side driven
- Scraper floor protected with automatic switch-off by backdoor (S) , or lowest beater (V / W)
- Tires Alliance 500/45 R22,5 328 10hls
- Roadlights integrated in backdoor, reflection striping on backdoor
- 14 tons non steerable parabolic suspended tandem with hydraulic 4-wheel brakes, wheelbase 1350 mm







Optional equipment

- Parabolic tandem, following steered
- Airbrakes instead of hydraulic brakes
- Airbrakes in combination with hydraulic brakes
- Automatic airbrake control
- 3-sectional knivebar
- RapidFlow hydraulic driven intake roller
- Additional roller, ideal for loading of fresh or short grass
- Ball coupling K80 (80mm)
- Set of 3 LED-working lights
- LED-sidelights
- Set Mudguards/Mudflaps
- Other tires on request





RAPIDE MULTI-PURPOSE WAGON

Multi-purpose: Loader wagon and Silage wagon

The Schuitemaker Rapide 10-, 100- and 1000-Serie is a genuine multi-purpose loader wagon and silage wagon. It means that the Rapide loader wagon can be used for harvesting and cutting all types of grass, as well as for transporting heavy silage products, e.g. during the maize harvest. Because the trailing pick-up folds away completely underneath the wagon, it creates maximum ground clearance, which is a big advantage, especially for forage chopping on wet ground. Any mud or dirt thrown up by the rear tractor wheels cannot reach or dirty the pick-up while it is folded away. The robust, compact construction in combination with a galvanised and powder-coated board profile makes the body strong, solid and durable. The compact construction and the placement of the undercarriage create the optimal weight distribution for the Rapide multi-purpose loader wagon, with always sufficient pressure on the tractor rear wheels.

TRAILED PICK-UP: BEST SOIL CONTOUR TRACKING AND HARVESTING CAPACITY

The trailing pick-up stands for the best following of the soil contours to guarantee perfect harvesting under any circumstances. The pick-up runs on a tandem runner wheel set to ensure a quiet run. While a scooping pick-up may stick in the soil of an irregular surface from time to time, the trailing pick-up will smoothly run over it and folds away if met by obstructions. This prevents unnecessary wear of the pick-up. Another advantage of the trailing pick-up is the compacter wagon construction with the same capacity. The pick-up is not placed between the body and the tractor, but rather under the body, behind the intake, The back of the pick-up is open which means easy access to allow maintenance work to be carried out quickly.



Rotor: Better intake, better forage

The star-shaped rotor of the Rapide Farmer and the 10 series models is 1.80 metres wide, the 100 and 1000 series have a 2 m wide rotor. The curved rotor tines are 20 mm wide. This is to ensure that crops of any kind are perfectly cut and loaded, even under the most difficult circumstances. The rotor tine tips have been hardface-welded to extend the life of the rotor. The shape and the placement of the strippers, the wide rotor channel and the lowered floor facilitate the transport into the wagon. The rotor and the drive line of the Rapide 1000 series are extra heavy duty to allow an even higher capacity.



Body structure, deck chain and speedy unloading

All the Rapide loader wagons are constructed exclusively with Schuitemaker's unique profiled steel boards. These boards have been galvanised as well as powder-coated, which gives them double protection. The use of stanchions around the body creates an extremely robust and durable cage structure. The side walls extend 60 cm beyond the deck chain and when the crops are being unloaded they are kept in free fall longer, which allows the Rapide to unload more evenly, even without beaters. The discharge speed of the multi self-cleaning deck chain, which runs all the way to the sides of the wagon, is 16.8 m per minute. The chains have a high tensile strength, which allows all types of crop to be easily and quickly unloaded.



Distribution rollers and integrated side discharge conveyor

A standard feature of the Rapide W models is that they are fitted with two open and aggressive distribution rollers in the back of the wagon. These open and powerful rollers distribute the product lightly over the silage clamp. The rollers are driven from the centre box by means of a heavy-duty chain. The rollers are controlled electrically from the wagon's unloading menu. The V versions are also equipped with proportioning beaters. This version also comes with an integrated side discharge conveyor which can discharge on either side.





OPTIMAL LOADING SUPERIOR SILAGE





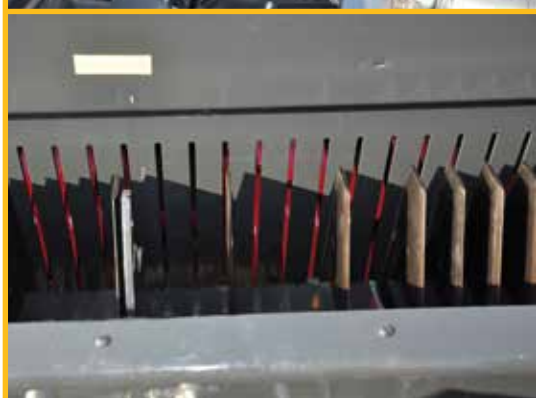




Cutting system: Superior cutting quality

The cutting system of the Rapide loader wagon has up to 43 cutters with a guaranteed cutting length of 44 mm across all crops in the wagon. The three-part knife bar is made of Hardox steel, which is known for its high wear resistance. The Rapide features a simple cutter changing system. Also handy are the storage boxes for spare cutters on either side of the wagon. The crops are cut using the scissor principle and the cutters are hydraulically kept under pressure. The pressure on the cutters can be set for each crop from the control box. This allows for e.g. lower pressure on light grass to prevent unnecessary wear of the cutters. The control box will show when the cutters are taken out of the working position. As an advantage, Schuitemaker cutters are sharpened on both sides. Their position remains unchanged and they keep cutting as usual if worn on one side (in contrast with curved cutters). All this not only results in excellent cutting quality of the various crops, but also in a longer economic life of the cutters.













RapidStream front panel

The Schuitemaker Rapide is known for its high compression density; the highest among all multi-purpose and loader wagons. Such high compression density is the result of pushing the crops along the slanted RapidStream front panel. This action, combined with the specially constructed rotor with strippers, ensures that more crop material can be loaded onto each wagon. In its normal position the RapidStream front board (hydraulic controls optional) guides the crop intake more efficiently. When it is open it can be towed behind the forage harvester. For the hydraulic control option the RapidStream front panel is operated from the control box.



RapidFlow-driven feed roller

The 100 and 1000 series come with a RapidFlow-driven feed roller as a standard feature. This hydraulically driven roller creates additional intake power when conditions are tough, and rapidly feeds in the crop material. The RapidFlow-driven feed roller is optional for the Rapide Farmer and the 10 series.



Control box Rapide 100 and 1000 series

User-friendliness

The Schuitemaker Rapide is an extremely user-friendly multi-purpose loader wagon. The control box has two large joysticks and a display and is compact and easy to use; a quick switch from loading and unloading is not a problem. The knife bar sensor enables you to see on the display when the knives have come out of the intake channel. The Rapide 100 and 1000 series are ready for ISOBUS control. These types can also be supplied in an ISOBUS version.
The PTO support makes coupling and uncoupling easy. The hoses are colour-coded for easy identification and the hose storage is conveniently arranged to make them easy to connect. The cutters are very accessible, which means it takes no time to change them or turn them around. Also handy is the storage of spare knives on either side of the wagon. The Rapide 1000 series has a new control terminal (touchscreen) that provides an even better ease of operation. It is also possible to operate the control terminal with the use of joysticks.



Undercarriages

Schuitemaker's undercarriages are noted for being robust, indestructible and always stable. The standard for tandems is the oscillating tandem. The oscillating tandem has a low centre of gravity, is lighter and more stable to tow and is more stable on the silage clamp. As far as tridems are concerned, we use the 40-ton BPW tridem with hydraulic suspension.





18 tons non steered pendulum tandem axles



18 tons following steered pendulum tandem axles



24 tons following steered pendulum tandem axles



24/30 tons forced steered pendulum tandem axles



40 tons hydraulic suspended forced steered tridem

	10-serie		100-serie						1000-serie			
	55 S/W/V	65 S/W/V	520 S/W	580 S/W	580-26,5 S/W	580 V	660 S/W	660 V	5800 S/W	6600 S/W	7800/8400 S/W	7200 S/W
18 tons non steered pendulum tandem axles	S	S	-	-	-	-	-	-	-	-	-	-
18 tons boggy tandem axles	O	O	-	-	-	-	-	-	-	-	-	-
18 tons following steered pendulum tandem axles	O	O	S	-	-	S	-	-	-	-	-	-
18 tons forced steered pendulum tandem axles	-	-	O	-	-	O	-	-	-	-	-	-
24 tons following steered pendulum tandem axles	-	-	O	S	S	O	-	S	S	-	-	-
24 tons forced steered pendulum tandem axles	-	-	-	O	O	O	-	O	O	-	-	-
30 tons following steered pendulum tandem axles	-	-	-	O	O	O	O	O	O	O	-	-
30 tons forced steered pendulum tandem axles	-	-	-	O	O	O	S	O	O	S	-	-
30 tons hydr. suspended, following steered pendulum tandem axles	-	-	-	-	-	-	O	O	O	O	-	-
30 tons hydr. suspended, forced steered pendulum tandem axles	-	-	-	-	-	-	O	O	O	O	-	-
30 tons hydr. suspended, electrical/ hydraulic steered tandem	-	-	-	-	-	-	O	O	O	O	-	S
40 tons hydr. suspended forced steered tridem	-	-	-	-	-	-	-	-	-	-	S	-
40 tons hydr. suspended electrical/ hydraulic steered tridem	-	-	-	-	-	-	-	-	-	-	O	-

S = Standard O = Option - = Not possible



RAPIDE WITH NIR APPLICATION AND WEIGHING SYSTEM

NIR & NIR-Plus Sensor

There is a growing need to have a clear understanding of the minerals cycle on a farm. The only way to achieve this is to take accurate measurements and obtain useful data. Schuitemaker has been busy working on this issue and is now able to offer a number of options.

In 2015 an NIR Sensor for determining dry matter content in combination with weighing was brought out for use with the Rapide. In the meantime a number of different systems are being used on the Rapide loader wagons. This function makes it possible to determine the exact yield per load and per field.

The NIR sensor measures the dry matter content of the loaded material with the use of infra-red spectroscopy.
The NIR sensor is placed directly by the intake, in other words, where the compression is the greatest and most constant. When the sensor is switched on, the crop that is being loaded can be analysed straight-away and the dry matter content figures are displayed on the tractor terminal.

The data that have been obtained are recorded and stored centrally by the Field Track & Trace software program. Wireless transmission of all the data to the "Cloud" takes place via a modem with a SIM card. This makes it possible to gain an insight into the yield per field and even of parts of a field. It is envisaged that some time in the future this yield map will make specifically targeted fertilising possible.

In addition to the basic system there is now also a more comprehensive NIR-Plus Sensor which also measures other components. This more elaborate system measures dry matter, crude protein, ADF, NDF, crude ash and crude fat. Use of a mobile NIR box further extends application possibilities. The NIR sensor can be built into this trolley box which then makes it possible to carry out mobile measurements without having to use the Rapide.



Measurestation optional
Besides the NIR-application on the Rapide, Schuitemaker also delivers a mobile Agri-NIR measurestation for measuring dry matter and other feed components. With this measurestation the dry matter of the crob can be measured on location.

Load cells

To be able to convert the dry matter content measured with the NIR sensor to a dry matter content weight in kilos and also to determine the gross grass yield, the Rapide loader wagon has been fitted with load cells. Schuitemaker has different systems available for this. In addition to the tried and tested concept with round load cells on the Rapide V Silage loader-feeder wagon, Schuitemaker now also uses a system for the oscillating tandem, consisting of weighing blocks placed between the chassis and the tandem. In the case of wagons with hydraulic suspension (e.g. the tridem) weighing pins are inserted into the cylinder fasteners. All the models that have a weighing system have a load cell fitted into the drawbar eye.



< Schuitemaker's vision for future developments with regard to the minerals cycle includes this NIR application that can measure weight









RAPIDE 10 SERIES

The Rapide 10 series

The Rapide 10 series is a smaller multi-purpose loaderwagon with the same achievements. The star shaped rotor with 7 rows of feed tines and with thickness of 20 mm is equal to the Rapide 100 series are only the width is 180 cm instead of 200 cm. The sloped platform ensure that the grass is easily transported into the wagon. The scraper floor is one side hydraulically driven. Standard is the 18 tons non steerable pendulum tandem with hydraulic 4-wheel brakes. Optional the Rapide 55 can be delivered with a 18 ton follow steered pendulum tandem. Also the Rapide 10 is a multi-purpose wagon. The construction of the Rapide 55 is strong enough to drive with maize harvest next to a harvester or with other silage products. Besides the standard delivered uppersteel, is it optional to get an extra top guide of 40 cm. This uppersteel is delivered with ropes for guiding the grass perfectly into the wagon. With the additional uppersteel the Rapide 55 has an maximum DIN capacity of 31 m3 (Rapide 55), respectively 37 m3 (Rapide 65). The 10 Series has the Rapide 55 and the Rapide 65. Both models are available with no beaters, with beaters, as well as with beaters and a side discharge conveyor.







As standard, the Rapide 10 series are fitted with:

- Box construction with enforced side panels
- Drawbar adjustable in height with swivelling towing eye
- Suspended hydraulic hitch drawbar with cylinders and accumulators
- 40 cm (fixed) uppersteel
- Colour coded hydraulic oil hoses
- 1,8 meters wide pick-up and rotor
- Star shaped cutting rotor with hard facing 20 mm thick tines and 7 rows of feed tines
- 43 knives with 2 cutting edges, simple to exchange
- Standard one sectional knife bar for a maximum of 39 knives (cutting length 4.4 cm)
- Driveline 1000 RPM
- Optional: RapidFlow hydraulically driven intake roller
- Lowered/sloped loading floor with one sided driven scraper floor (Rapide 65V double side driven)
- Scraper floor end switch off via backdoor (S- model) or lowest beater (W-model)
- Backdoor with road lights
- Tires: Alliance 560/45 R22,5, 10 holes

Options

Wagon options
- Weighing system with load cells
- Ball coupling (80 mm)
- RapidFlow hydraulic driven intake roller
- 3 Sectional knife bar
- Set of 3 Led-working lights, Led-sidelights, set of mudguards
- Additional roller, ideal for loading of fresh and wet grass

Models
- S - without beaters
- W - with 2 distribution beaters
- V - with 3 distribution beaters and side discharge conveyor

More volume
For even more volume the Rapide can be fitted with a:
- 40 cm top guide with ropes

Tandem options
- Following steered tandem axle
- Hydraulically forced steered tandem axle
- Various tyre sizes in combination with tandems possible
- Airbrakes
- Airbrakes and hydraulic brakes combined
- ELB (airbrake control)







RAPIDE 100 SERIES

The Rapide 100 series

With the Rapide 100 series you buy more then 30 years of experience and competence in the construction and development of the multi-purpose wagons. Innovation as the sloped loading Floor, Rapidstream front panel and the 20mm width rotor tines and strippers ensures faster loading, lower power needs, and less maintenance.

The pick-up of 2 meter width and the star shaped rotor of 2 meter width and 7 rows of feed tines, thickness 20 mm, guarantee an enormously loading capacity under every circumstances. The DIN capacity of the 100 series is between 34 m3 and 42 m3. From the Rapide 580, the wagons can be delivered with 26.5 Inch tires. The 100 Series comprises the 520, 580 and 660 models; all models are available with and without beaters. The Rapide 580 and 660 are also available as feeder wagon (optional).



As standard, the Rapide 100 series are fitted with:

- Improved strippers which ensure even grass input
- The sturdy all steel body with enforced sidepanels and cage construction
- Drawbar adjustable in height with swivelling towing eye
- Suspended hydraulic hitch drawbar with cylinders and accumulators
- RapidStream front panel and 30 cm uppersteel (hingeable)
- Colour coded hydraulic oil hoses
- 2 meters wide pick-up and rotor
- Star shaped cutting rotor with hard facing 20 mm thick tines and 7 rows of feed tines
- 43 knives with 2 cutting edges, simple to exchange
- Standard three sectional knife bar for a maximum of 43 knives (cutting length 4.4 cm)
- Driveline 1000 RPM
- RapidFlow hydraulically driven intake roller
- Sloped loading floor with double sided driven scraper floor (Double side driven is optional for 520)
- Scraper floor end switch off via backdoor (S- model) or lowest beater (W-model)
- Bumper with Led-road lights and reflection striping on the backdoor
- Vredestein 710/40 R22.5 or 710/50 R26.5 Flotation Pro Radial tires
- Set of 3 Led-working lights, Led-sidelights, mudguards (except Rapide 520)

Options

Wagon options

- Hydraulic operation for RapidStream front panel
- Maize sealing kit for backdoor and rotor channel
- Weighing system with load cells
- Ball coupling (80 mm)
- ISOBUS
- Additional roller ideal for loading of fresh and wet grass
- Automatic loading system

Models

- S - without beaters
- W - with 2 distribution beaters
- V - with 3 distribution beaters and side discharge conveyor

More volume

For even more volume the Rapide can be fitted with a:

- 50 cm uppersteel
- Extended backdoor (+3,5 m3)

Tandem options

- 18 - 24 - 30 tons
- Following steered tandem axle
- Hydraulically forced steered tandem axle
- Various tyre sizes in combination with tandems possible
- Airbrakes
- Airbrakes and hydraulic brakes combined
- ELB/ALB (airbrake control)



RAPIDE 1000 SERIES

The Rapide 1000 series

The 1000 series focuses on the professional user who wants to work efficiently with maximum volumes, and also wants to be able to achieve high speeds. The Rapide wagons from the 1000 series are characterized by a high throughput and a large loading volume.

The 1000-series have an extra heavy duty driveline. The star shaped rotor diameter is extra-large due to the 9 rows with 20 mm tines. The width of the rotor is 2 meter. This makes the 1000 series extra suitable for processing a large crop flow at high speeds. The 1000 series is available as tandem and tridem axles and standard with R26,5 Inch tires. The DIN capacity of the 1000 series is between 38 m3 and 53 m3. The 1000 Series comprises the 6600, 7800 and 8400 models; all models are available with and without beaters. The Rapide 7200 is unique within this series; read more about it on the following page.



As standard, the Rapide 1000 series are fitted with:

- Improved strippers which ensure even grass input
- The sturdy all steel body with enforced sidepanels and cage construction
- Drawbar adjustable in height with swivelling towing eye
- Suspended hydraulic hitch drawbar with cylinders and accumulators
- RapidStream front panel and 30 cm uppersteel (hingeable)
- Colour coded hydraulic oil hoses
- 2 meters wide pick-up and rotor
- Star shaped cutting rotor with hard facing 20 mm thick tines and 9 rows of feed tines
- 43 knives with 2 cutting edges, simple to exchange
- Standard three sectional knife bar for a maximum of 43 knives (cutting length 4.4 cm)
- Driveline 1000 RPM
- RapidFlow hydraulically driven intake roller
- Sloped loading floor with double sided driven scraper floor
- Scraper floor end switch off via backdoor (S- model) or lowest beater (W-model)
- Bumper with Led-roadlights and reflection striping on the backdoor
- Vredestein 710/50 R26.5 Flotation Pro Radial tires
- Set of 3 Led-working lights, Led-sidelights, mudguards

Options

Wagon options
- Hydraulic operation for RapidStream front panel
- Maize sealing kit for rotor channel
- Weighing system with load cells
- Ball coupling (80 mm)
- ISOBUS
- Additional roller ideal for loading of fresh and wet grass
- Automatic loading system

Models
- S - without beaters
- W – with 2 distribution beaters
- V – with 3 distribution beaters and side discharge conveyor

More volume

For even more volume the Rapide can be fitted with a:
- 50 cm uppersteel
- Extended backdoor (+3,5 m3)

Tandem and Tridem options
- 30 - 40 tons
- Following steered tandem axle
- Hydraulically forced steered tandem axle
- Various tyre sizes in combination with tandems possible
- Airbrakes
- Airbrakes and hydraulic brakes combined
- ELB/ALB (airbrake control)











Rapide 7200

The latest Schuitemaker multi-purpose wagon model is the Rapide 7200 which has a total capacity of 42m³. The chassis of this type has also been prepared to serve as a tyre pressure control system buffer vessel. The advantage of larger tyres (up to 162 cm) and the optional tyre pressure control system is that with less pressure on the soil there is less damage to the soil structure. Reduced pressure on the soil is important when conditions are wet and muddy during maize harvesting, and also on grass surfaces. The Rapide 7200 multi-purpose wagon can be supplied with or without proportioning beaters. This wagon comes with BKT 750/60 R26.5 FL630 Super tyres. These tyres are 157.4 cm high. Other tyre sizes and makes up to a maximum diameter of 162 cm and width of up to 85 cm are also available as an option. The Rapide 7200 comes equipped with a 30-ton electric/hydraulic tandem with hydraulic suspension. The axles are perforated in preparation of a tyre pressure control system.

The new Rapide Multi-Purpose loaderwagon has larger (till 162 cm) tires. This is the way to reach our target: Preservation of soil structure through less ground pressure!







^ 01 *Standard narrow drawbar with Scharmüller K80 drawbar eye with K50 for steering lever*
^ 02 *Standard hydraulic front board with 10 cm setup-structure, also on tailgate*

Standard equipment

- Star-shaped rotor of 9 rows and 20 mm thick tines with hard facing
- Stripperframe which leads to uniform cropload
- Both, rotor and pick-up are 2,0 (m) wide
- Heavy-Duty rotor system and driveline
- 1000 r.p.m. drive
- RapidFlow hydraulic driven intake roller
- Box construction with enforced side panels (galvanized and powder painted) and cage construction
- Height adjustable drawbar with swiveling towing-eye
- Hydraulic suspended drawbar with 2 hydraulic cylinders and accumulator
- 3 sectional knivebar for max 43 knives (cutting length 4,4 cm)
- Standard equipped with 43 knives (6mm thickness, double edged)
- Steel floor with double scraper floor, hydraulically both-side driven, incl. 2 speed drive
- Scraper floor protected with automatic switch-off by backdoor (S model)or by lowest beater (W model)
- Bumper with Led roadlights, set of 3 Led-working lights, Led-sidelights and reflection striping on backdoor
- Ball coupling K80 (80 mm) with steering bar ball coupling K50 (50 mm)
- Integrated hydraulic frontboard
- RapidStream with 10 cm steel extension on side panels and backdoor
- 30 tons hydraulic suspended axle, with electrical/hydraulic steering, steering arm 250 mm
- Hydraulic 4 wheel brakes, wheelbase 1.800 mm with tires BKT 750/60 R26,5 FL630



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