



Rapide self-loading forage wagons
Siwa silage wagons

FORAGE PRODUCTION



Schuitemaker

We make it work.



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:

- Fodder production
- Feeding
- Manure (solid and liquid manure processing)

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



Schuitemaker

We make it work.




Troublefree fodder production

The Schuitemaker precision chop loader wagon and the silage wagon are two of the most popular machines. The precision chop loader wagon, marketed under the Rapide brand name, has been in production since 1986. The quality and finishing of these machines are second to none. Made to suit the modern dairy farmer and contractor for troublefree farming. In this brochure you will read about the essential information on the:

Rapide precision chop loader wagons

Siwa silage wagons



Unique loading and chopping system.

PRECISION CHOP LOADER WAGON **RAPIDE**

100 - series

Unmistakable on any modern dairy farm.

The Rapide stands out from other self-loading forage wagons by its simplicity, and this is the strength of the machine at the same time. Large loading volumes, easy operation and low maintenance guarantee many years of good returns.

Simplicity and comfort

All precision chop loader wagons have been fitted with the unique loading and chopping system. The cutting knives can be used on either side and can be easily exchanged at the front of the wagon. The intake of the wagons, consisting of a 5 or 6-bar trailed pick-up, a guide roller and a 8-tine rotor, guarantee the smooth and rapid transport of the crop to the loading floor. The hydraulically driven deck chain takes the crop to the back.



A solution for every requirement

The Rapide 100-series is often used for multiple purposes at modern dairy farms, for instance for feeding silage and freshly cut meadow grass, as well as for silo filling with grass during summer. The Rapide 125, 135 and 165 are very successful wagons in the medium range. Thanks to the 1.8 m rotor, the heavy driving line and an inside dimension of 2.2 m, these models have been part of the stable factor on many farms.

Schuitemaker also carries the product range of the Rapide 145, 155, 185, 240 and 370. These models vary in the construction method and capacity. The volume varies from 36 m³ (DIN) to 66 m³ (DIN). The different construction methods are shown in the width of the rotor an pick-up (2 m), various options for upersteel constructions and a large diversity of underframes and possible tandems, varying from 14 to 40 ton carrying capacity.



Trailed pick-up for clean intake.

PRECISION CHOP LOADER WAGON **RAPIDE**

1000 - series


Where capacity, volume and power are coming together

With the 1000-series Schuitemaker meets the demand for more capacity and higher volumes. The heavy-duty driving line is one of the main characteristics of the series. In combination with sufficient horsepower these wagons offer a high capacity. The Rapide 2085, combining 42 m³ (DIN) capacity with a 30-ton following steerable rockertandem, is a well equipped wagon. In the 1000-series, the Rapide 2085 and 3000 come with a wide range of options and possibilities.



Strength and efficiency on large wheels

In 2004 Schmitz introduced the Rapide 3000. This wagon, with a mega-capacity of 60 m³ (DIN), is one large display of power. As is the case with all other Rapide models, the 3000 has a short, compact construction. This show of force also has a 40-ton parabolically sprung 3-axle underframe, which is hydraulically forced steered. This basically prevents any wheeling damage and reduces the turning circle. The 3000 has proven its success over and over, and this wagon is being used in the Netherlands as well as abroad.



The Rapide is suitable as a dual purpose wagon thanks to its large loading capacity.

PRECISION CHOP LOADER WAGON **RAPIDE**

Dual purpose

Two purposes, one wagon

Schuitemaker's Rapide is the only precision chop loader wagon that can also be used as a silage wagon. The Rapide is fully operational for grass and maize without having to make changes or losing time. The wagon has been built for optimal distribution of weight, during forage chopping and during harvesting. In addition, the Rapide has much ground clearance thanks to the trailed pick-up in combination with the compact construction. This gives the machine a lot of free space underneath and makes it possible to unload easy on the clamp. The Rapide is an excellent choice as a precision chop loader wagon alone, of course, but the dual purpose function gives you an even better return on your investment.



Unlimited all-rounder

The Rapide is the ultimate all-rounder because of the various models and options. Not only has the dual purpose system proven to be a success, but also other well-considered solutions prove the quality and comfort of this machine. For instance, the rockertandem system has been chosen for the underframe of the wagon to ensure that the height of the machine remains limited and that minimum pulling force is required. Furthermore, the Rapide is electrically-hydraulically operated from the tractor cabin using a very clear control box with LCD-screen.



Technology that opens up new horizons.

PRECISION CHOP LOADER WAGON **RAPIDE**





Pick-up the Quality

Many years of use are guaranteed thanks to the high quality of the products Schuitemaker aims to achieve. Durability and reliability are factors considered to be always of paramount importance. Schuitemaker machines are sold through an extensive, world-wide dealer network. Quality and service are guaranteed at a nationwide and at an international level by giving our optimal support to the dealers.



Maintenance-free driving line.

PRECISION CHOP LOADER WAGON **RAPIDE**





Aiming for perfection

The Rapide has found its way to many professional users and is one of the more prestigious precision chop loader wagons on the market. Every year, parts of the wagon are closely looked at and changes or improvements are made if necessary. Perfection is aimed for through continuous innovation and monitoring new technical developments. In this way, Schuitemaker aims to extend and secure its position, both on the domestic market and abroad.



Schuitemaker silage wagons for grass and maize harvest.

SIWA SILAGE WAGON





Optimal reliability

Just like the precision chop loader wagons, the silage wagons marketed under the name of Siwa are known for their soundness and reliability. The Siwa has an all-steel body, reinforced side panels and a solid cage construction. This makes the machine suitable for harvesting both grass and maize. The hydraulic tailboard opens under a 90-degree angle for fast discharge. The slanted front panel facilitates optimal loading, by the start of cutting maize parcels, and driving behind the chopper.

The Siwa comes in the 140, 180, 200 and 240 models. The 3-axle 370, with a loading capacity of no less than 60 m³ (DIN), is the perfect tool to carry large quantities of maize to biogas installations. All standard models can be fitted with various optional extras, such as various types of tandems with track-following or forced steering axles.



Standard Specifications Rapide:

Rapide model		100	125	135	165	145	155	185
Capacity DIN, maximum	m3	30	34	35	42	40	40	42
Loading capacity	m3	48	54	56	67	64	64	67
Overall length	cm	785	785	845	925	855	895	935
Overall width model S/W/V	cm	240/250/250	240/250/250	240/250/250	250/250/250	270/270	270/270	270/270
Body size (l x w x h)	cm	590x220x160	590x220x185	650x220x170	730x220x210	650x240x210	690x240x210	730x240x210
Height uppersteel (opt.)	cm	50 (+38)	50 (+38)	50 (+38)	50	50	30	30
Total height (stand. tyres)	cm	275	317	302	352	352	370	370
Wheel track	mm	1.800	2.100	1.950	2.100	2.100	2.100	2.150
Max. tyre height	mm	940	1.230	1.230	1.230	1.230	1.370	1.370
Max. cutting length at max	cm	4	4,4	4,4	4,4	4,4	4,4	4,4
Required power	pk	100	120	120	140	140	140	180
Pick-up width (5-bar)	cm	160	-	-	-	-	-	-
Pick-up width (6-bar)	cm	-	180	180	180	200	200	200
No. of wheels hydr. brake		4	4	4	4	4	4	4

TECHNOLOGY

Specifications

The Rapide comes standard with:

- Very short compact construction, resulting in large manoeuvrability and ground clearance on the silage
- Robust, all-steel superstructure with hinging front panel
- Perfect intake geometrics, for proper loading and reduced need for power
- Multifunctional heavy underframe bar at the front (uptake gearbox, coupling and half shafts, pivoting point of blade holder and adjustable attachment of the drawbar)
- Hydraulic transmission of gearbox for wagons equipped with proportioning beaters
- Star-shaped rotor with stacked tines, single-sided wide-angle coupling shaft
- Rotor and pick-up drive via oil bath gearbox
- Hydraulically driven and secured deck chain with automatic end switch-off
- Standard return deck chain for wagons with distribution beaters (W)
- Secured cutting unit for max. 39 or 43 knives
- Tailboard opens 90°
- Controlbox with LCD-screen
- All Rapide's are load sensing prepared



Standard Specifications Rapide 1000 series:

Rapide model		240	370	2085	3000
Capacity DIN, maximum	m3	61	66	42	57
Loading capacity	m3	98	106	67	91
Overall length	cm	1140	1200	935	1.095
Overall width model S/W	cm	270	270	270/270	270/270
Body size (lwxh)	cm	940/240/210	1010/240/210	730x240x210	980x240x210
Height uppersteel (opt.)	cm	50+10 (std.)	50+10 (std.)	30	30
Tot. height (stand. tyres)	cm	400	400	370	370
Wheel track	mm	2.150	2.150	2.150	2.200
Max. tyre height	mm	1.230	1.230	1.370	1.370
Max. cutting length	cm	5,4	5,4	4,4	4,4
Required power	pk	160	200	180	200
Pick-up width (6-bar)	cm	200	200	200	200
No. of wheels hydr. brake		6	6	4	6
Extended tailboard		Standard	Standard	-	-

Optional extras

16 | 17



Wagon options

- 3-sectional knivebar
- deck chain multi-step speed control
- hydraulically controlled front panel
- working lights
- weighing unit
- hydraulically tandem suspension

Models

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

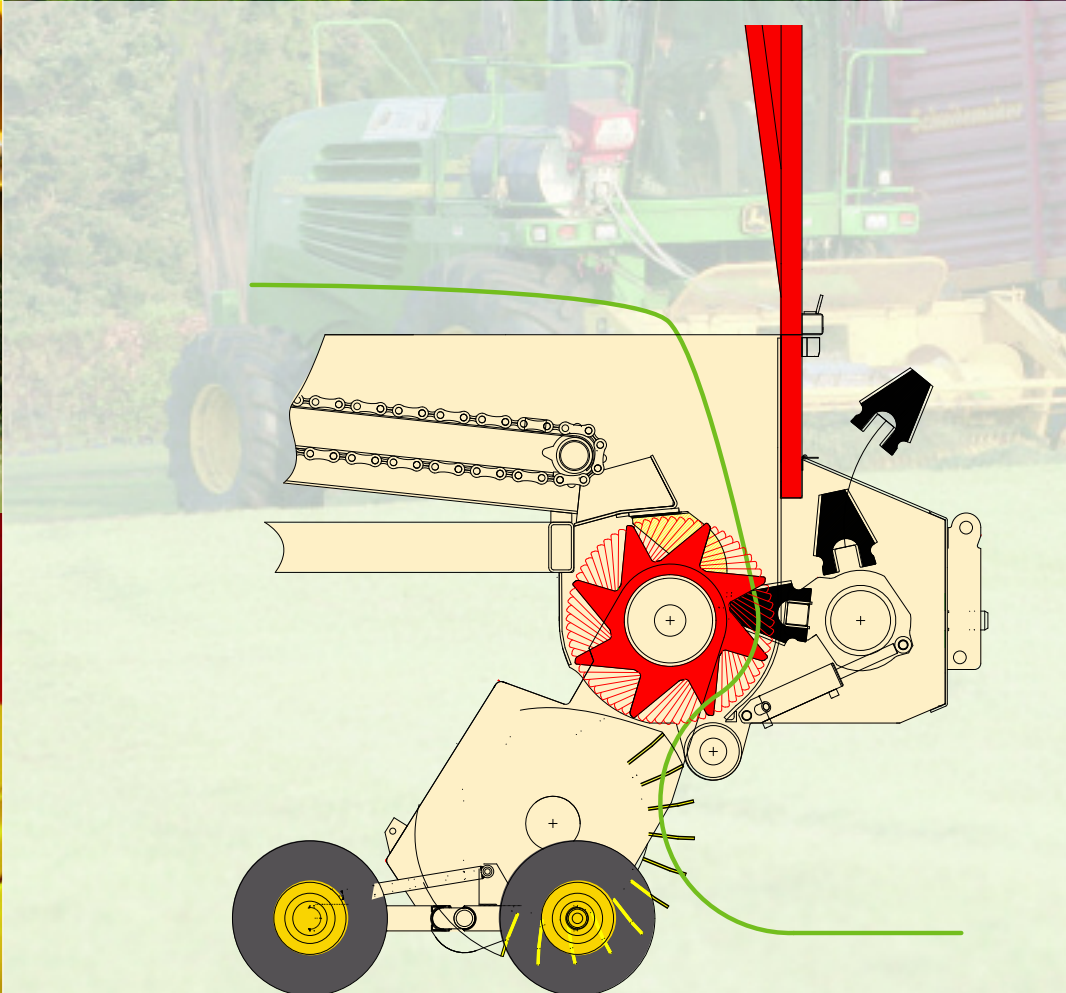
Uppersteel silages sides

The Rapide can be fitted with a uppersteel for even more volume

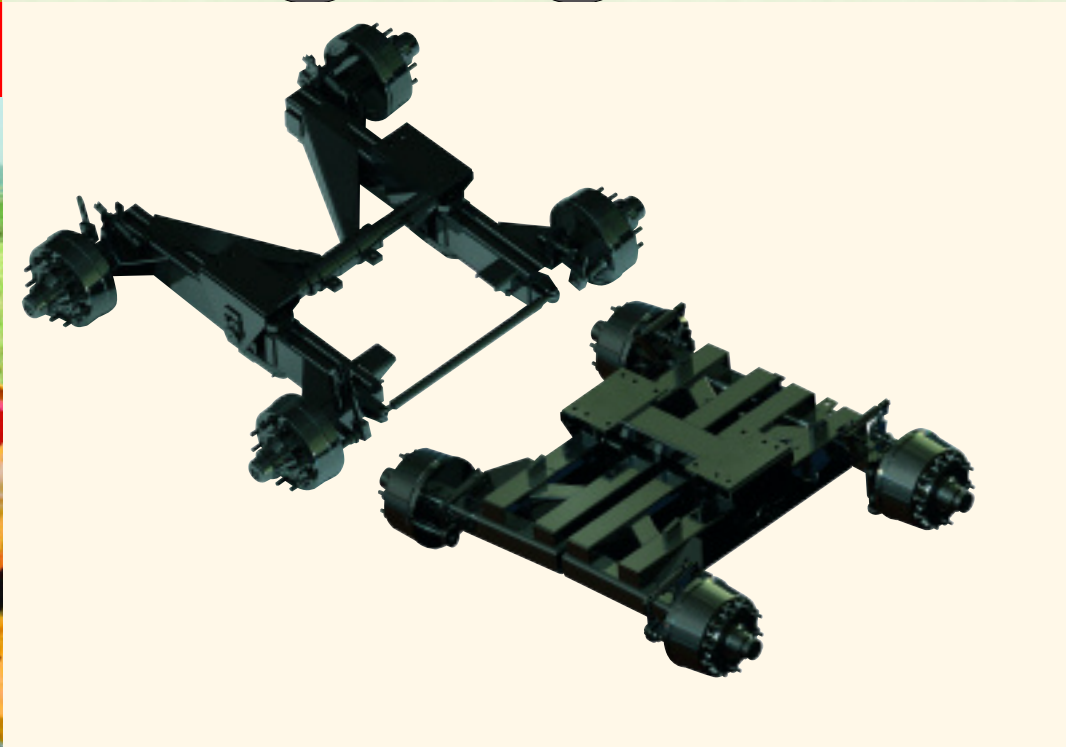
- 30 cm
- 50 cm
- 50 cm + 38 cm top guide
- 150 cm curved guide board

Tandem options

- 14 - 18 - 24 - 30 tons
- following steerable axle
- hydraulically forced steered axle
- various tyre sizes in combination with tandems possible
- airbrakes in combination with hydraulic



TECHNOLOGY





The Schuitemaker Rapide dual purpose precision chop loader wagon is the only dual purpose wagon of its kind; the ultimate all-rounder.

Rapide

18 | 19

GRASS precision chop loader wagon

- Super cutting quality thanks to unique cutting system
- Easy exchange of the knives
- Solid, reliable, star-shaped rotor
- Maximum productivity thanks to high driving and cutting capacity
- Minimum maintenance

MAIZE / SILAGE transport wagon

- stable panel wall construction
- optimal placement of the tandem
- unique distribution of weight



Standard Specifications Siwa:

Siwa model	140	180	200	240	370
Loading capacity	14 ton	18 ton	20 ton	24 ton	30 ton
Capacity (DIN) (max.)	32 m3	39 m3	36 m3	40 m3	60 m3
Body size L x W x H	635 x 220 x 190	715 x 220 x 210	715 x 240 x 210	795 x 240 x 210	925 x 240 x 210
Total size L x W x H	785 x 253 x 345	890 x 253 x 365	890 x 273 x 365	970 x 273 x 365	1092 x 273 x 365
Drive deck chain model S	one-sided hydr.	two-sided hydr.	two-sided hydr.	two-sided hydr.	two-sided hydr.
Drive deck chain model W	one-sided mech.	two-sided mech.	two-sided mech./hydr.	two-sided mech./hydr.	two-sided hydr.
Hydraulic brakes	On 4 wheels	On 4 wheels	On 4 wheels	On 4 wheels	On 6 wheels
18-ton rocker tandem	Standard	-----	-----	-----	-----
24-ton track-following tandem	Optional	Standard	Standard	Standard	-----
24-ton hydr. forced st. tandem	Optional	Optional	Optional	Optional	-----
30-ton track-following tandem	-----	Optional	Optional	Optional	-----
30-ton hydr. forced st. tandem	-----	Optional	Optional	Optional	-----
40-ton parabolically suspension, tridem	-----	-----	-----	-----	Standard

The Siwa comes standard with:

- All-steel body with reinforced side panels in a heavy cage construction
- Sprung drawbar, with hinging drawbar eye
- Hydraulically controlled tailboard
- Slanted front panel
- New drawbar with extra ground clearance
- Mechanical drive of deck chain and beaters (W models)
- Deck chain hydraulically driven (S models)
- Hydraulic skid shoe

Optional extras:

- Hydraulically sprung drawbar
- Hydraulic support leg
- Uppersteel 30 cm
- Deck chain speed control, 2- 3 speed (S models)
- Hydraulically suspension underframe (tandem/3-axle)
- Extended Rear door



Profit in any field.



Schuitemaker

We make it work.