

SCHULE – Your Competent Partner for Rice Processing Technology

Machinery, plants, also on turnkey basis
for processing grain and pulses



Over a 100 Years of Experience in the Field of Grain Processing

Worldwide.

Cover picture:
Cut out from
an oil painting
on linen,
Denge 1973

The famous inventor, F. H. SCHULE was granted Patent No. 77,786 in 1892 for a Table Separator for use in the rice-milling industry where it proved highly successful. Since then, the SCHULE Paddy Separator is the most popular item of all our equipment programme.

the foremost companies worldwide for the manufacture and supply of processing machinery for rice, grains and pulses.

All our machinery is manufactured in accordance with DIN EN ISO 9001 and is "Made in Germany".

Our policy of continuous development and improvement of our product ensures our position as one of



SCHULE is a
member of the
KAHL-Group

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Paddy



Cargo



White rice

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- Rice mills and auxiliary plants according to customers requirements
- Oat mills as well as machinery for processing of barley, millet, sorghum, pepper and pulses
- Plants for production of baby food, instant food, special flours of rice and oat
- Plants for hydrothermal treatment of rice (parboiled), grain and pulses
- World-wide service and agents

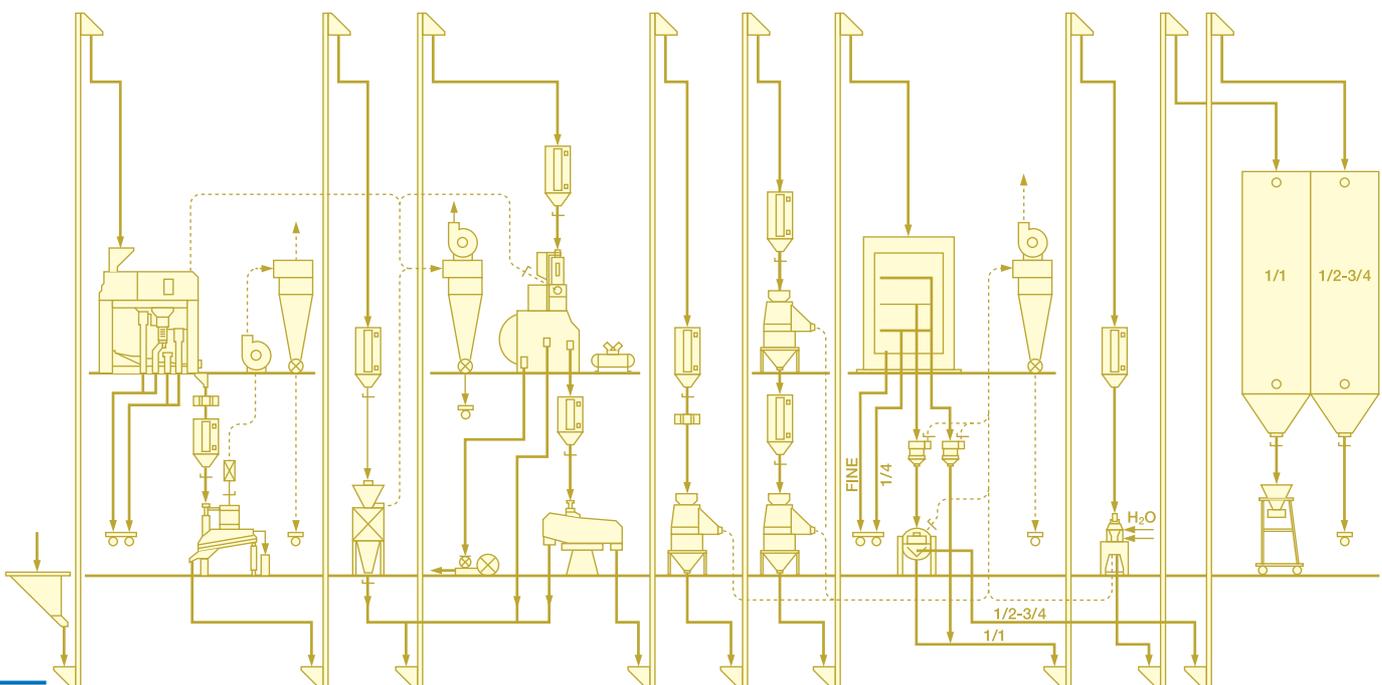


Our pilot plant is at our customers disposal for trials and tests at any time



Pilot plant for hydrothermal cooking.

The hydrothermal cooking plant permits a hygienic treatment of up to 150 °C



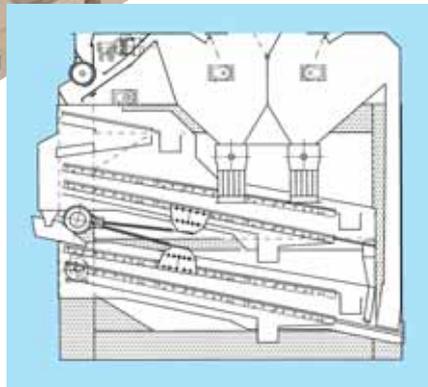


Cleaner GTR

Cleaning Machine GTR

The cleaning machine for preliminary and fine cleaning:

- Support and aspiration chamber in all-steel design
- Feed roll for uniform product feeding
- Effective pre- and post-cleaning aspiration system
- Optional working screening system
- Adjustment of screen inclination is possible
- Robust and quiet running eccentric drive



Sectional view of the GTR



Dry Stoner ST

Dry Stoner ST

High-capacity machine for separating heavy particles, such as stones, lumps of soil, mud balls etc.

- Suction-type system with vacuum deck
- Precise adjustment of air volume
- Automatic feeding
- Air-cushioned separation table with inclination adjustment
- Easy-change screen
- Drive by vibratory motor with frequency range adjustment
- Large windows for observation of the separation process

Rubber Roll Sheller
S 10 PR



Rubber Roll Sheller for paddy S 10 PR, patented

- Highest operational reliability ensured by patented gravity actuated control, exclusively pneumatically operated
- Patented linear slide for movable rubber roll
- Intensive cooling of rubber rolls by two fans
- Shelling and drive section as separate units
- Patented double v-belt drive maintaining proper belt tensioning throughout the range of roll position
- High husking capacity and shelling degree with lowest amount of broken



Paddy



Cargo

Verticone/S Conical Shelling Machine for Cereals and Pulses



- To control the shelling of cereals
- Pre shelling in flour mills
- Treatment of Mykotoxin, reduction of DON
- Higher recovery rate of bruised flour
- Higher recovery rate of light flour and semolina
- Higher mill capacity
- New conical shelling principle linear adjustable for all sorts of cereals
- Capacity up to 15 to/h
- Electrical drives up to 90 KW
- Compatible with SPS
- Tested under all milling circumstances



Verticone/S



HUS 1260

High-Capacity Closed Circuit Husk Separator HUS

The HUS 1260 operates exclusively on the closed circuit system. Additional aspiration systems are not required.

Husk and light grains are separated from the paddy-cargo mixture:

- High degree of separation
- Robust all-steel construction
- New separating chamber concept
- Cross-current fan working over the whole aspiration width
- Illuminated separating chamber for observation of separation



Cocoabeans



Wildrice



Barley



Soyabeans



Field beans



Moong dall



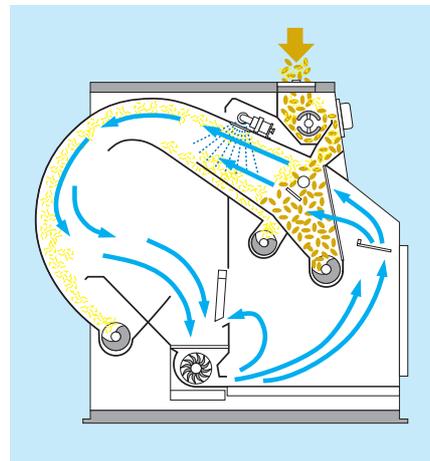
Urid dall



Red lentils
(raw product)



Red lentils
(final product)



Sectional view of the HUS 1260

The HUS 1260 is employed whenever light and heavy particles are to be separated

Table Separator TH 3, patented

The compartment-type table separator continues the experience of more than 100 years in the construction of precision separation machines.

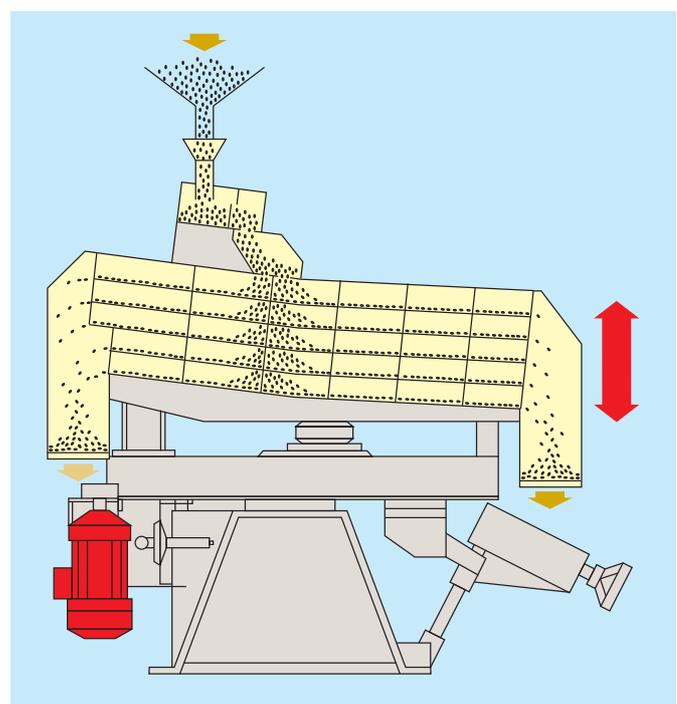


Compartment-type table separator TH3

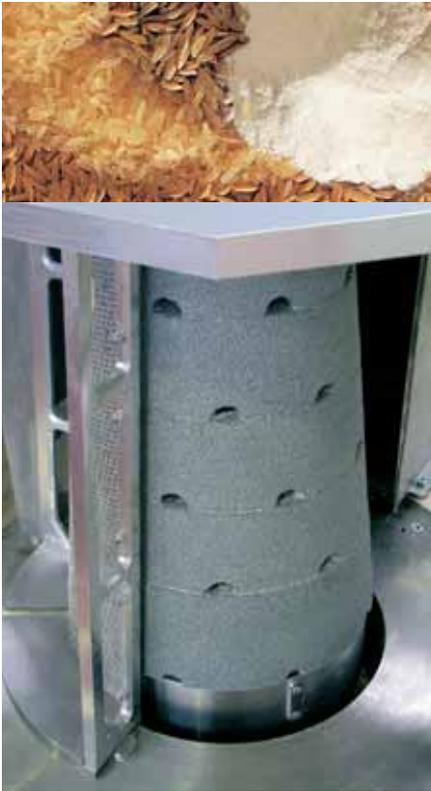
Compartment-type Table Separator TH3

The new design achieves a better separation effect with a high capacity.

- All-steel design
- New design of feeding trough
- Direct drop channels with large cross sectional area, uniform loading of the individual compartments
- Three-point stroke adjustment
- Fine adjustment of table inclination
- Speed regulation by frequency converter
- Precise longitudinal table guide ensuring smooth running
- Compartment section in torsion-free construction, mainly in stainless steel
- Feed trough with aspiration connection as standard.



Sectional view of the table separator TH3



Verticone Conical Whitening Machine for Rice

The Verticone operates with abrasive conical whitening discs. The whitening effect is influenced due to the adjustable gap distance between the stones and sieves and by the adjustment of the counter-pressure weight.

- Electric drives up to 90 kW
- Capacity up to 16 to/h
- Compatible with SPS



Verticone

Rice Polishing Machine RPM Rice Polishing Machine RPM W

The RPM is available as a dry as well as a water polishing machine. A combination of both is possible

- Horizontal, working chamber
- High-pressure blower to enhance the bran removal and cooling the product.
- The water polisher RPM W is supplied with the water atomising system, which ensures a uniform moistening of the product.



Polishing Machine RPM

Plansifter PLS

Plansifters ensure a high capacity on the smallest floor area for many applications.

For sorting of:

- Whole kernels
- Mixture
(whole kernels + big brokens)
- Small brokens
- Tips / flour

Different screen boxes depending on capacity, product and sorting.

Plansifter
PLS



Indented
Cylinder

Indented Cylinder Unit

Length grading is performed on indented cylinders with a high degree of precision. They are available as single or multiple cylinder units.

The cylinders are made out of special steel plates with pressed-in-pockets.

Centrifugal Sifting Machine WSM

They are widely used for the separation of powdery from granular material as well as control sieves.

- Quiet running
- Easily exchangeable screen sleeves
- Self-cleaning screen



Centrifugal Sifting Machine
WSM

Examples of SCHULE plants installed worldwide



Verticone in a Rice Mill in Spain



Verticone in a Durum / Hard Wheat Mill in Italy



Continuous Parboiling Plants in Greece
(Large and small capacity)

SCHULE MÜHLENBAU.

A company of the KAHL-Group



The central factory of the KAHL Group with state-of-the-art production facilities at Reinbek near Hamburg.

The area of the company comprises 40,000 m² including the built-up area, production halls and office building, with abt. 20,000 m².

Companies of the KAHL Group:

AMANDUS KAHL GmbH & Co. KG

Complete production plants for the feed, -food, nutrient and cereal processing industries

NEUHAUS NEOTEC Maschinen- und Anlagenbau GmbH

Production of coffee/cocoa handling roasting plants and individual coffee processing machines

F. H. SCHULE MÜHLENBAU GmbH

Production of plants and machines for the treatment of rice, other cereals and legumes



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