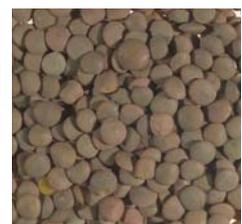


# Vertical Shelling Machine VPS 2 S

for grain and pulses



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## for grain and pulses

### Vertical Shelling Machine VPS 2 S

Its versatility, its heavy and rigid construction, and its ease of operation are distinctive features of the Vertical Shelling Machine. The machine is well suited for shelling of a number of cleaned and graded grains, such as barley, rye, wheat, millet, sorghum etc. In addition, excellent results are obtained when shelling pulses, such as peas, lentils and dhal.

The Machine is also suitable for slight pearling of brewers barley prior to malting. On that application, a high capacity is achieved.

#### Operation and description

The material enters and completely fills the working chamber. Shelling is accomplished by means of emery discs. These discs rotate within the material, which is moving downwards, thereby performing the shelling action. The weight of the grain ensures adequate pressure of the material towards the

emery discs. The shelling effect depends on the processing time. This time – and thus also the quantity passing through the machine – is adjustable by the discharge gate.

A separate fan serves to aspirate and cool the unit by drawing air from the top of the machine. The aspiration air passes through the gaps between the emery discs and through the material to be shelled, carrying with it particles of husk or hull originating from the shelling action through the perforations of the cage. Changing the air quantity also contributes towards influencing the shelling effect.

When processing pulses, better results are often achieved by having the material prior to shelling subjected to a hydro-thermic conditioning, which warrants easier removal of the hull and avoids damaging the kernel.

### Technical Data

Type	Throughput per hour*	Overall dimensions			Motor power	Amount of air	Shipping particulars		
		Length Barley	Width	Height			Net	Gross weight	Cubage weight
	Ton/h	mm	mm	mm	kW	m <sup>3</sup> /min	kg	kg	m <sup>3</sup>
<b>VPS 2 S</b>	2 - 3.5	1480	780	1920	30.0	30 - 40	1375	1700	3.5

\* Precise capacity depends on the type of product to be processed and the desired shelling degree



F. H. SCHULE Mühlenbau GmbH

Dieselstraße 5-9  
D - 21465 Reinbek / Hamburg  
Phone: +49 (0)40 7 27 71 - 0  
Fax: +49 (0)40 7 27 71 - 710

schule@amandus-kaahl-group.de

[www.schulefood.de](http://www.schulefood.de)

