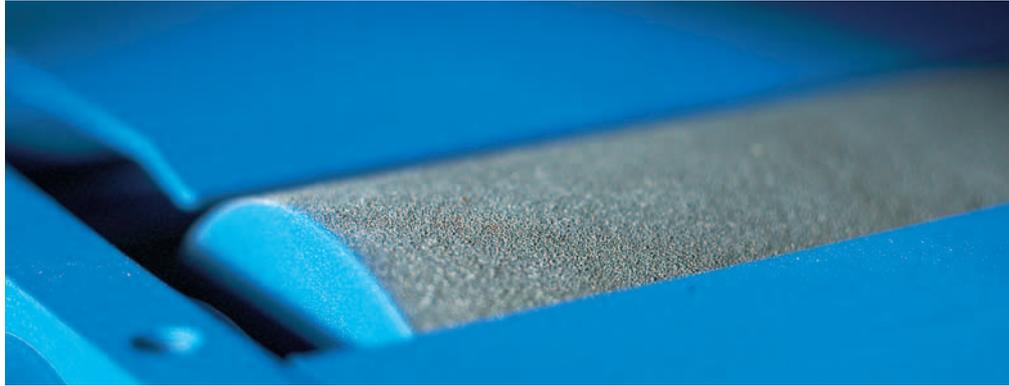


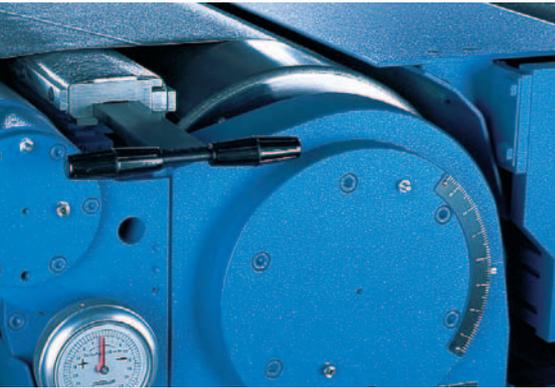
Optimized Performance

NOVA-H



steinemann

The new NOVA-H: combined know-how from Steinemann Technology.

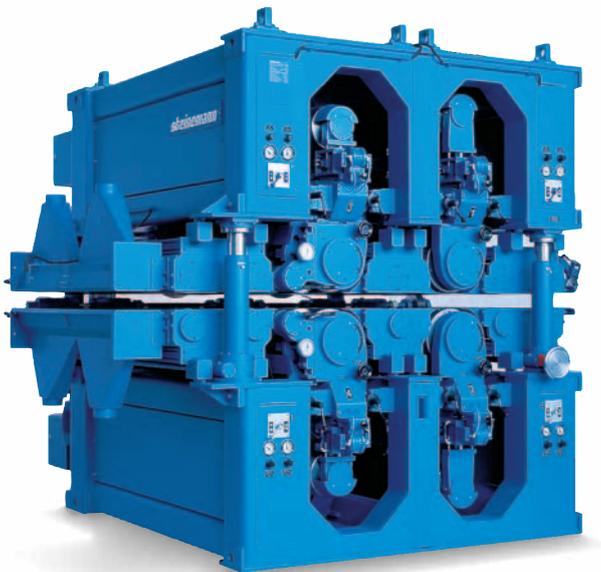


Steinemann Technology has enjoyed a first-class reputation worldwide for over forty years as a manufacturer of wide-belt sanding machines for all sorts of processes. Our leading position is both an incentive and obligation for us to continuously seek new and improved solutions. The result of our development work is the **NOVA-H** (NOVA-HEAVY), a wide-belt sanding machine that represents not only the latest in technology, maximum availability and outstanding user friendliness, but also more importantly optimized cost-effectiveness. Several components in the new **NOVA-H** were taken from our high-end sanding machine Satos, which was launched onto the international market to tremendous acclaim in the year 2000.

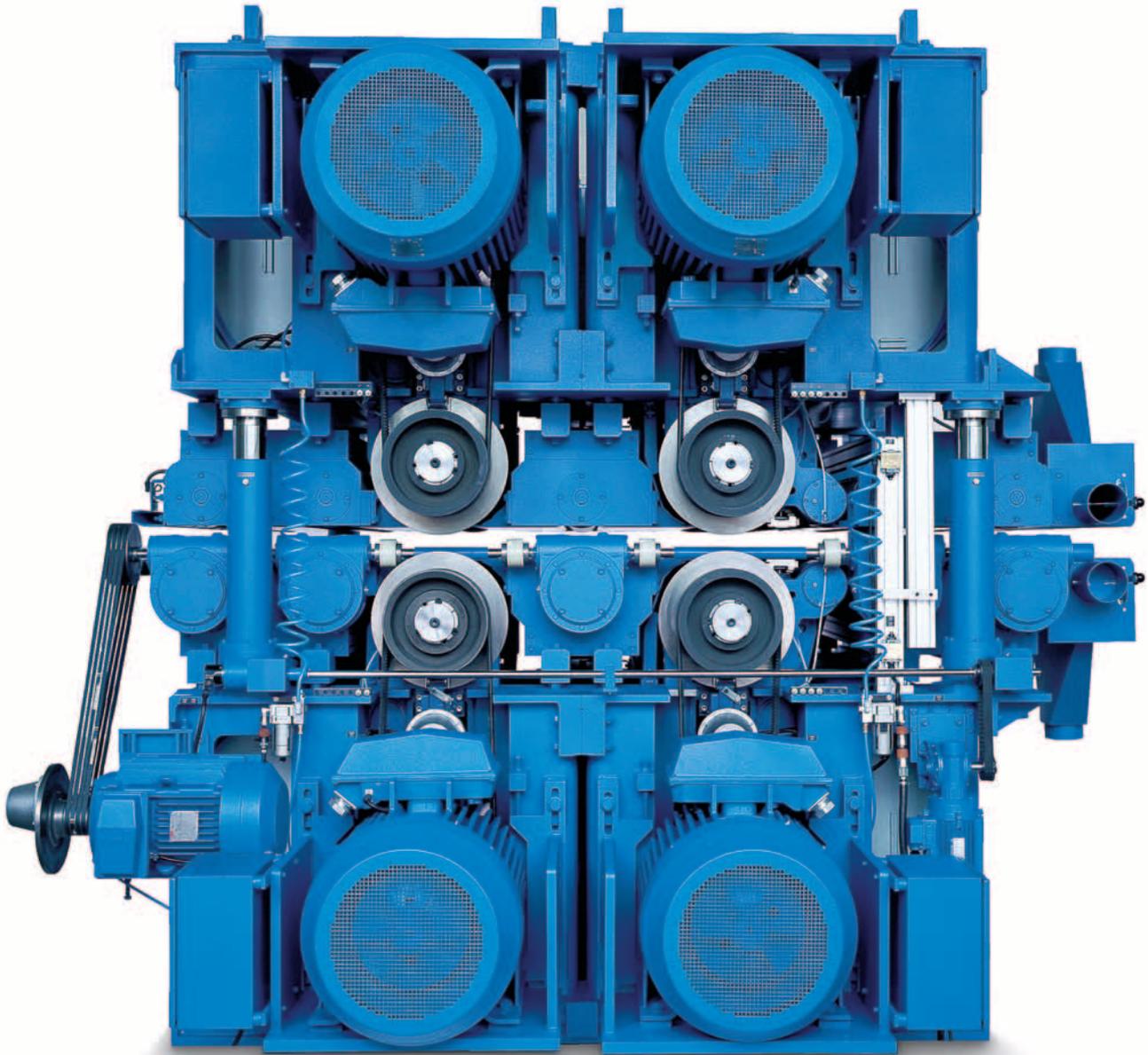
Steinemann Technology is the exclusive vendor of the new wide-belt sanding machine **NOVA-H** worldwide. The **NOVA-H** is manufactured solely with a width of 1600mm and thus covers the wood industry market for board widths of up to 1700mm. Various Satos models with patented mineral cast frame are available for widths that exceed these dimensions.

The new **NOVA-H** from Steinemann Technology stands for:

- ▷ Best thickness tolerance and surface quality
- ▷ Maximum availability, safety and easy maintenance
- ▷ Optimized cost-effectiveness with Steinemann quality
- ▷ High level of user friendliness and optimized technology



Safety, Performance, Quality: NOVA-H.

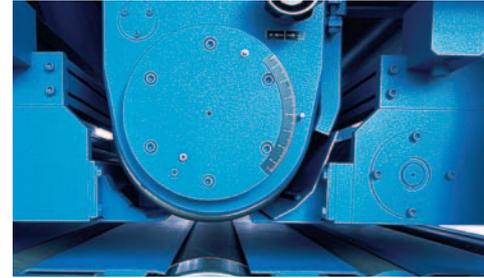


At a glance: the technical innovations.

Large diameter contact drum.

The large NOVA-RSA contact drum with 362mm diameter is adopted by the NOVA-H. The features:

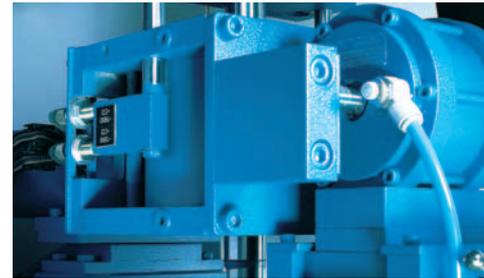
- ▷ Steel contact drums Ø 362mm
- ▷ Improved power transmission
- ▷ Smooth surface, Arctech-coated
- ▷ Ideal diameter/wall thickness ratio



Optimized tension system.

The concept of the belt tension system was taken from the Satos and combined with an innovative support system for the tension drum carrier. The advantages:

- ▷ Same tension over the entire width of the abrasive belt
- ▷ Compensates abrasive belt circumference length tolerance
- ▷ Smooth running of abrasive belts
- ▷ Good accessibility for maintenance work



Directly driven contact drums.

A cleverly thought-out direct drive system with V-belt drive ensures efficient power transmission. The plus points:

- ▷ Straight forward drive concept
- ▷ Optimal power transmission
- ▷ Compact design
- ▷ Easy access to the machine's main drive for maintenance



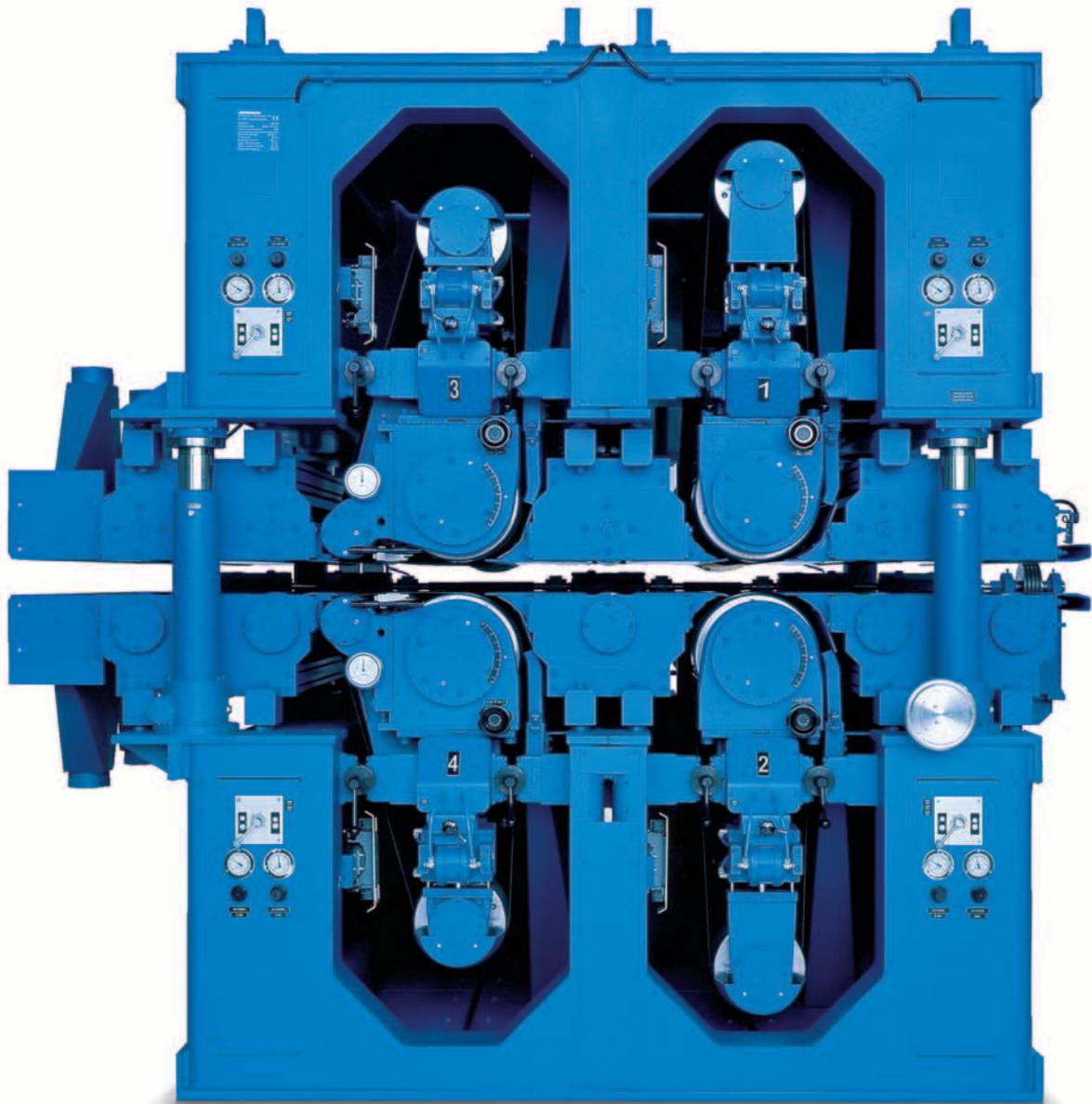
New panel feeding system.

The perfect optimized feed system from the Satos range is also used in the NOVA-H. The advantages:

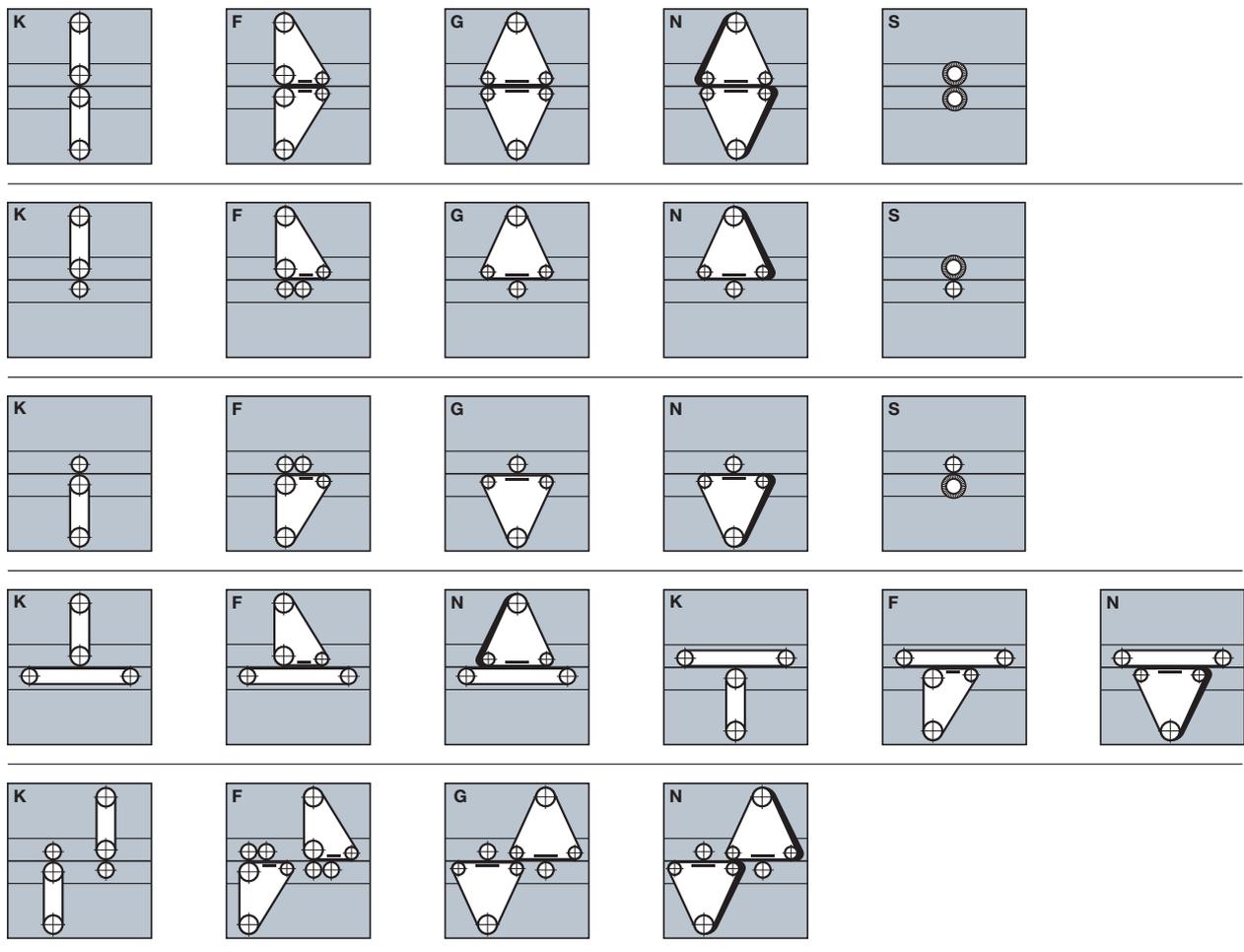
- ▷ Direct power transmission
- ▷ Good accessibility for maintenance
- ▷ Fewer parts subject to wear and tear
- ▷ High production speed up to 90m/min



NOVA-H: Quality, Performance, Safety.



Modules available from the NOVA-H series (excerpt)



Technical data NOVA-H 16

General data

Panel width	mm	max. 1700
Panel length	mm	min. 1200
Panel thickness	mm	2.5 – 50
Machine opening (standard)	mm	0 – 150
Working height	mm	1400
Feed speed range	m/min	5 – 90
Contact drum diameter	mm	362

Motor capacities

Sanding motors	kW	up to 132
Feed motors	kW	up to 22

Abrasive belt dimensions

Abrasive belt width	mm	max. 1750
Abrasive belt length	mm	2800

Compressed air

Compressed air requirement per sanding head	m ³ /h	5
Operating pressure	bar	6

Suction extraction

Capacity for 2 K-heads	m ³ /h	15400
Capacity for 2 F-heads	m ³ /h	15400
Capacity for 2 N-Optimat-heads	m ³ /h	17600
Capacity for 2 S-heads	m ³ /h	22000

Dimensions/weights

K-module		(2 opposed sanding heads)	
Length x width x height	2800mm	mm	3440 x 2040
Net weight		t	10
F-module		(2 opposed sanding heads)	
Length x width x height	2800mm	mm	3440 x 2040
Net weight		t	11
N/G-module		(2 opposed sanding heads)	
Length x width x height	2800mm	mm	3440 x 2040
Net weight		t	9
S-module		(2 opposed brushing rollers)	
Length x width x height	2800mm	mm	3440 x 1130
Net weight		t	6

(Subject to alteration without notice)