CHAUVIN

ADVANCED VIBRATION TECHNOLOGY

SLOPING SCREEN ROL®

" The sloping screen ROL®, our classic, has a very good ability to screen any kind of product from 1 to 300 mm, wet or dry. "

SCREENING CLASSIFYING WASHING-RINSING SEPARATING DUSTING

1 | CUSTOMIZED DESIGN

All design criteria such as speed, cuts, particle size distribution, humidity, temperature, etc. are integrated to fit the basic parameters of our machines like the surface, the amplitude and the frequency of vibration, the slope and the correct equipment (water spraying device, special cloths, cleaning systems, etc.).
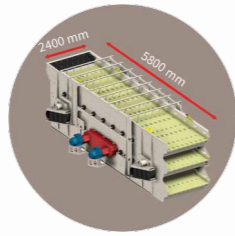
2 | APPLICATIONS

• Public works and mining industry
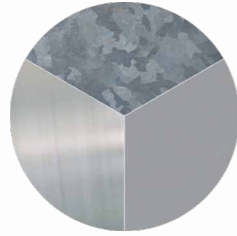• Chemical
• Food
• Environment
• Metallurgy

3 | USES

• **SIZING** material dry or wet
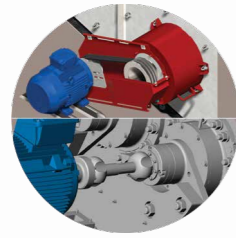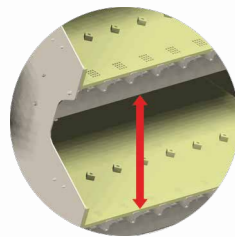• **SEPARATION** (of good product and particles to be eliminated)
• **WASHING**
• **CLASSIFYING**

STATIC HOOD & VIBRATING BODY
• Bored, assembled and bolted
• Fully removable

9
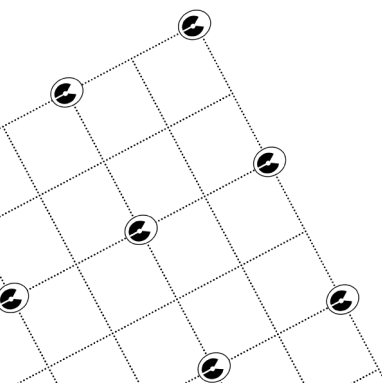
8

REQUIRED SPACE
Fully adjustable to your space constraints within the limits of design rules

10 **EQUIPMENTS**
• Stainless steel or polyurethane tightened cloths
• Stainless steel or polyurethane modular panels
• Perforated plates

13

7 **FINISH**
• Galvanized
• Painted
• Stainless steel

8

11 **LUBRICATION**
Grease or oil

6 **COUPLING**
• Pulleys and belts
• Universal joint

4

12 **DECLOGGING DEVICE**
• Bil-vib (balls)
• In option

5 **ERGONOMICS**
Large space between the decks till **850 mm**

12

2

10

13 **PROTECTION FOR ABRASIVE PRODUCT**
• By rubberizing
• By shielding

4 **WATER SPRAYING**
• Static or vibrating
• In option

1

14

11

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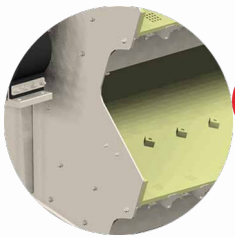
3 **SUPPORT FRAME**
Fully adjustable

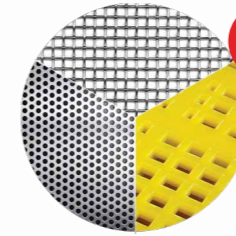**7**

5

14 **CONTROL**
• Variable speed unit
• Engine-brake

9

3
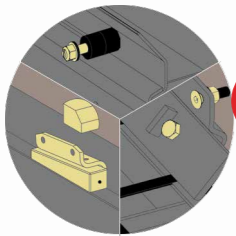
2 **SECURING EQUIPMENT**
• Either lateral or longitudinal tightening
• By clamping
• Either by fitting (modular panels)

5 | **CHARACTERISTICS**

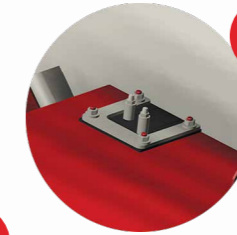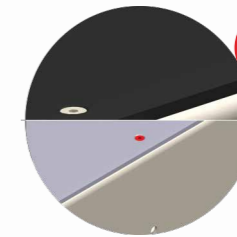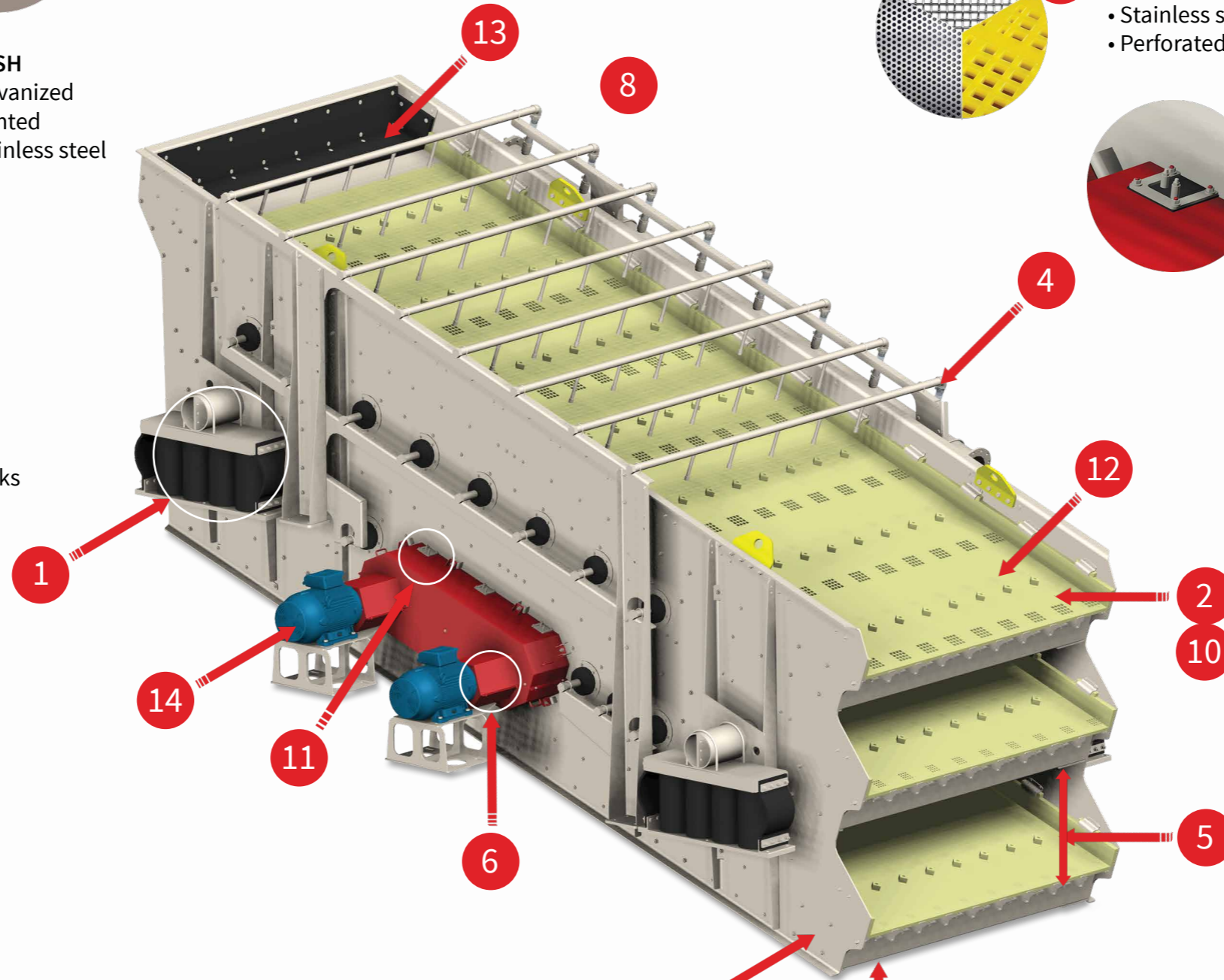|	
• Surface	**0.9 up to more than 30 m²**
• Acceleration	**3 to 4 G**
• Amplitude	**2 to 10 mm**
• Speed	**750 to 1,500 rpm**
• Slope	**12 to 30 degrees**
• Number of decks	**1 to 4 decks**
• Cuts	**1 to more than 300 mm**
• Machine weight	**up to 30 tons**
• Length	**600 to 10,000 mm**
• Width between sides	**400 to more than 3,000 mm**
• Driving power	**2 kW to 75 kW**
• Circular vibration in the vertical plane	

4 | **HIGHLIGHTS**

• **LONGEVITY**
• **ROBUSTNESS**
• **PROFITABILITY**
• **MODULARITY**
• **ERGONOMICS**

1 **SUSPENSION**
By helical springs
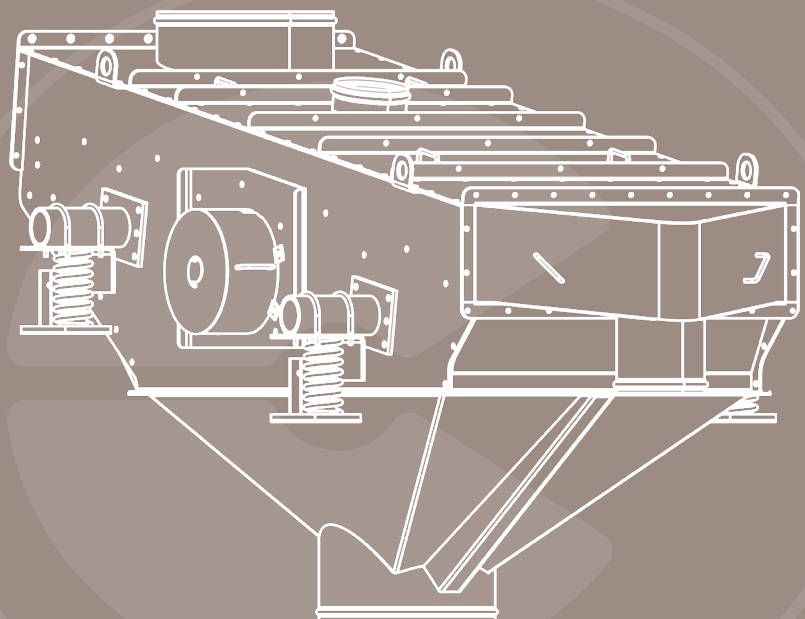
6 │ COMPLEMENT ROL® RANGE
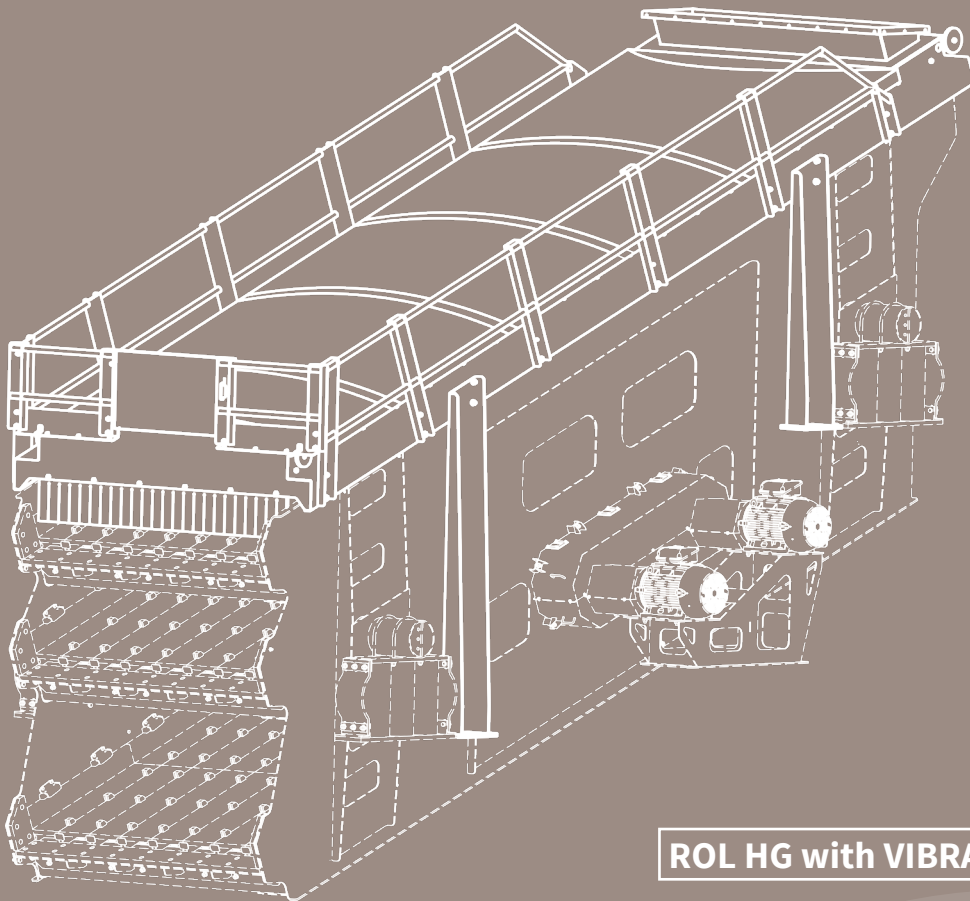
ROL HH with HAND-RAIL

HOOD OPTION :

• Fixed and tense PVC tarp
• PVC tarp with automatic or manual opening
• In boiler-steel

ROL HG with VIBRATING COVER & HOPPER

CHAUVIN

www.chauvin.fr

info@chauvin.fr
Phone : +33 (0)4 76 09 30 63
Fax : +33 (0)4 76 22 30 54
Head Office
20 rue des Grands Champs
ZI La Rollandière
38360 SASSENAGE - FRANCE
PO Box
BP 70015
38044 GRENOBLE CEDEX 9 - FRANCE

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