Remu

Screeners Brochure
ENG

SCREENING

BUCKETS & PLANT

Fewer Work Stages, Lower Transport Costs, Faster Final Results

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VERSATILE APPLICATIONS

- TOPSOIL
- PADDING PIPELINE & CABLE EXCAVATION
- STABILIZATION
- COMPOSTING
- INDUSTRIAL APPLICATIONS
- RECYCLING
- SCREENING PEAT
- MINE CLEARANCE

OUTSTANDING SCREENING RESULTS WITH

BLADE SCREEN TECHNOLOGY

- Superior efficiency with topsoil, compost, and peat
- Effective even with moist material that cannot be processed with trommels or vibrating screening technology
- Cleaning scrapers prevent clogging and maintain high quality of the screened material

BLADE DESIGN

Screening blades genuinely separate material without breaking stones or other hard particles into the screened material.

STANDARD SCREENING BLADE (x001)

LIGHT SCREENING BLADE (x004)

Aggressive blades push the coarse material trough the screen and make it finer.

Ideal for the following applications:

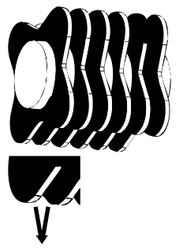
- Mixing compost
- Mincing the particle size
- Breaking grass clumps or lumpy chemical materials
- Crushing materials like coal, roof tiles, some asphalt and glass.

AGGRESSIVE BLADE (x304)

MIXING BLADE (x311)

PARTICLE SIZE

Particle size of screened material is approximately 7mm smaller than the blade spacing.



BLADE SPACING

BLADE SPACING mm	PARTICLE SIZE mm
15	0-8
20	0-13
24	0-17
30	0-23
34	0-27
40	0-33
50	0-43
64	0-57
74	0-67
95	0-88

* Notice that the screening result may vary due to the properties of the material

EL 2085

REMU'S smallest screening bucket the EL 2085 weights just 240 kg and is suitable for small wheeled loaders and mini excavators.

The model is only available with 20 mm blade spacing.

XO SERIES

CHANGE THE MODULE INSTEAD OF THE BUCKET

The Crossover bucket is a totally new concept for the attachment sector: one bucket frame with multiple work modules enables a quick transition between different jobs. This bucket is the perfect choice if you process several different materials.

- Achieve various tasks with the same bucket frame
- Process different materials, e.g. topsoil or compost
- Change the whole screening technique from blade screen to vibratory screen, or vice versa
- Alternate between crushing and screening

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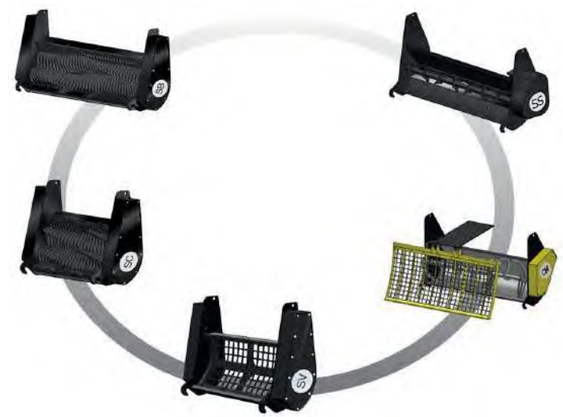

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One Frame

Several Modules

Multiple Applications

CROSSOVER BUCKET

Developing different blade screening modules is what we are best at – we are experts in the field.

By offering modules with several blade spacings, and with crushing blades, our customers can process all materials without buying multiple buckets.

WORK MODULES

BLADE SCREEN

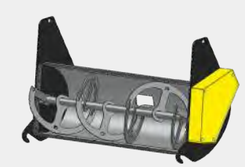
- Screening topsoil
- Padding pipelines and cable excavations
- Mixing soil, sand and fertilizers
- Landscaping
- Screening peat
- Soil stabilization

SCREENER CRUSHER

- Grinding organic material (grass lumps and roots)
- Mixing and separating compost
- Grinding various packed materials
- Crushing roof tiles

VIBRATING SCREEN

- Separation of sand from paving stones for reuse
- Screening sand or other loose and dry materials
- Shaking waste and dirt out of recyclable material



CONCRETE MIXER

CM module + safety grill

- Scoop the sand or gravel directly from the pile
- Add cement & water
- Mix and transport to desired place
- Discharge trough the opening in the bottom

EE & EP SERIES

EE and EP buckets are designed to maintain an optimal ratio between the mass and volume of the bucket, saving the lifting capacity of the machine for the material itself.

- Can be fitted to tractors, telehandlers, wheeled loaders and excavators
- Bucket volumes from 1 m³ up to 5.5 m³

FOR THE ROUGHEST JOBSITES IN THE HARDEST CONDITIONS

SERIE PD

PD buckets were originally engineered for pipeline padding, but can perform in any demanding application where reliability and an extra strong structure is required.

Move large rocks and help excavator movements, this bucket is designed for the most harshest of job sites.

EX 140

RENEWED CLASSIC

This classic bucket model has been fabricated over 20 years. Over the years it has been redesigned with modern high strength steels and engineering expertise, and it is now ready to be facing even harder challenges.

- Suitable for excavators 16 tons and above

SCREENING BUCKETS SPECIFICATIONS

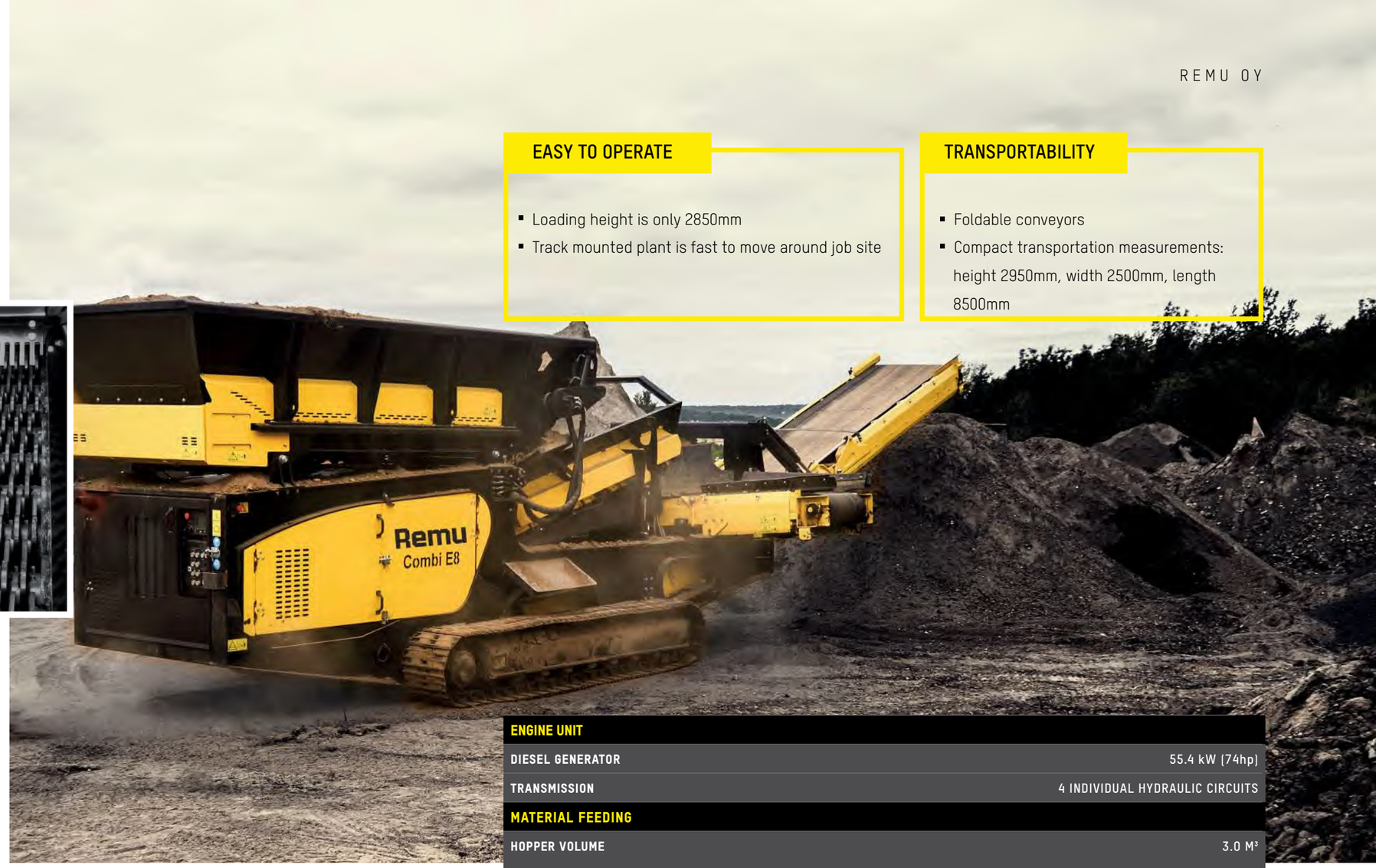
MODEL	CARRIER SIZE (MIN) EXCAVATOR | LOADER TONS	HYDRAULIC FLOW MIN-MAX L/MIN	MAX HYDRAULIC PRESSURE* BAR	VOLUME ISO / SAE M³	SCREENING AREA M²	WIDTH CM	DEPTH CM	HEIGHT CM	STANDARD WEIGHT KG
EL 2085	3 | 1	25 - 35	110	0.15 - 0.18	0.2	109	63	64	240
EP 3150	14 | 7	55 - 95	210	1.0 - 1.1	1.1	190	123	119	1280
EP 4150	18 | 9	80 - 110	210	1.3 - 1.4	1.4	190	123	139	1500
EE 3160	25 | 12	155 - 235	210	2.1 - 2.4	1.5	200	169	158	2470
EE 4160	30 | 14	155 - 235	210	2.7 - 3.0	1.8	200	169	180	2780
EE 3220	35 | 14	155 - 235	210	3.0 - 3.3	1.9	260	169	158	3090
EE 4220	40 | 18	155 - 235	250	3.7 - 4.2	2.5	260	169	180	3560
EE 4290	N/A | 21	155 - 235	250	4.8 - 5.5	3.3	330	175	180	4620
EX 140	16 | N/A	155 - 235	210	0.9 - 1.1	0.8	126	128	137	1400
PD 2160	25 | 10	80 - 160	300	1.4 - 1.7	1.1	214	166	137	2440
PD 3160	30 | 12	120 - 240	300	2.0 - 2.3	1.5	214	166	160	2610
XO 2090									
+SB/SC	5 | 1	32 - 80	300	0.32 - 0.37	0.5	125	97	88	580
+SV	5 | 1	20 - 40	300	0.32 - 0.37	0.5	125	113	88	385
XO 2150									
+SB/SC	8 | 2	40 - 80	300	0.52 - 0.60	0.8	185	115	88	810
+SV	8 | 2	20 - 40	300	0.52 - 0.60	0.7	185	109	88	510
+CM	8 | 2	50 - 120	250	0.52 - 0.60	N / A	185	125	88	610

Weight is calculated with configuration x001 10/30, comb counter blades, no cleaning scrapers
*with default motors

COMBI E8

Combi E8 is a compact screening plant with blade screen technology.

Its robust structure makes it suitable for various applications including processing waste materials, compost and topsoil.



EASY TO OPERATE

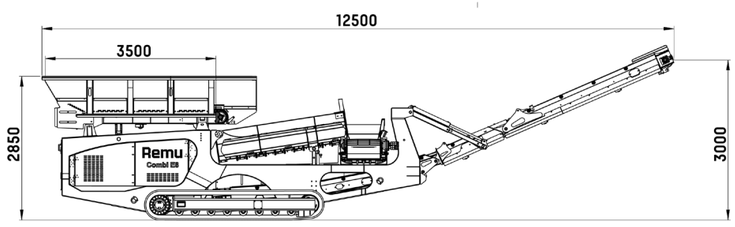
- Loading height is only 2850mm
- Track mounted plant is fast to move around job site

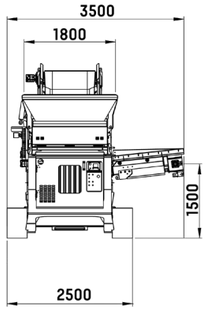
TRANSPORTABILITY

- Foldable conveyors
- Compact transportation measurements: height 2950mm, width 2500mm, length 8500mm

SCREENING ELEMENT

- Screening element has 13 rotors made with wear resistant steel
- Length of the screening element is 2500 mm
- Width of screening table is 950 mm
- The angle of the screening element can be adjusted to ensure the optimal quality of screened material and the highest capacity





ENGINE UNIT	
DIESEL GENERATOR	55.4 kW (74hp)
TRANSMISSION	4 INDIVIDUAL HYDRAULIC CIRCUITS
MATERIAL FEEDING	
HOPPER VOLUME	3.0 M³
HOPPER LENGTH	3500 MM
BELT WIDTH	1200 MM
FEEDING HEIGHT	2850 MM
FEEDER CAPACITY	300 (M³/H)
MATERIAL DISCHARGE	
DISCHARGE HEIGHT OF FINE MATERIAL CONVEYOR	3000 MM
DISCHARGE HEIGHT OF SIDE CONVEYOR	1500 MM
MAX. THROUGHPUT	
DEPENDENT ON MATERIAL **	UP TO 250 (M³/H)
EXTRA OPTIONS	
Different screen options for fine screen, tipping grid above feeder, fragmentor to crush soil lumps, folding conveyors, feeder system for fertilizers or stabilizers, radio remote control, central lubrication and more.	

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YOUR DEALER

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