



Mini Exc.



Midi Exc.

VSE

TORNADO

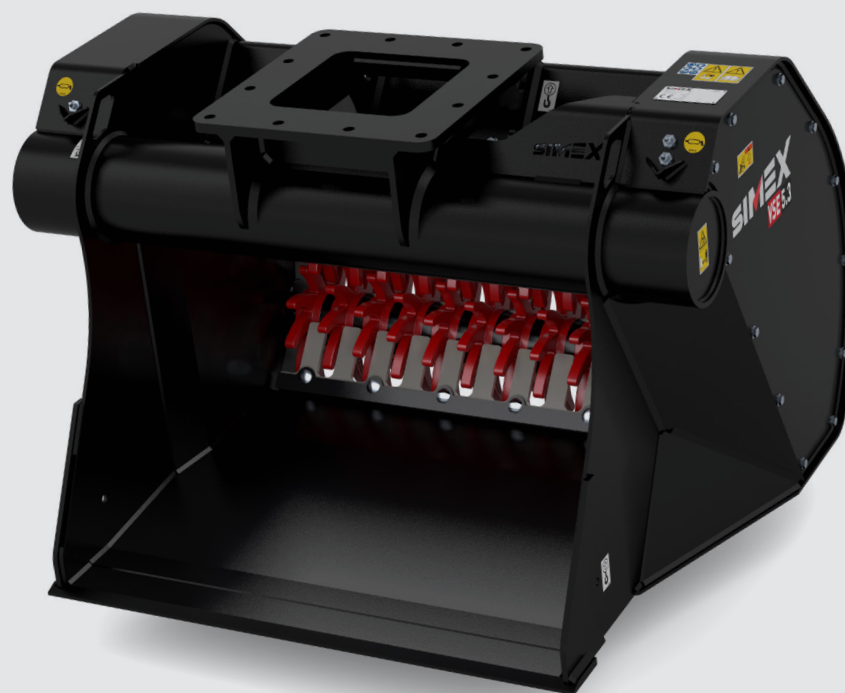
SCREENING BUCKETS

VSE TORNADO screening buckets are designed for separating moist and wet materials on the worksite. The new 2- and 3-shaft configuration with star tools optimises the vorticity of the treated materials to enhance performance and increase the productivity of operations in the field.

Designed for mini and midi excavators across the 1.5 to 10 tonnes size range, the **TORNADO** line is ideal for screening soil of debris, stones and gravel, as well as for aerating compost. It is also perfect for creating bedding layers and covering underground utilities and ducts.

VSE TORNADO buckets are equipped with a special Simex-patented system ensuring straight-forward replacement of the entire shaft or individual tools, allowing rapid adjustment of the output size of the screened material. This characteristic reduces downtime and ensures outstanding performance for a wide range of applications.

The bucket can be fitted with both polyurethane and steel tools, depending on the specific nature of use.



ADVANTAGES

- **Effective with moist and wet soils**
- **Compact and versatile equipment for separating materials on the worksite**
- **Special Simex-patented system ensures straight-forward replacement of the entire shaft or individual tools**
- **New shaft design with star tools**
- **Both polyurethane and steel screening tools available**
- **Large screening area**

		VSE 2.2	VSE 3.2	VSE 4.3	VSE 5.3	VSE 6.3	VSE 8.3
Recommended excavator weight	t	1.5-3	2.5-4	3-6	4-7	5-8	6-10
	lbs	3,300-6,600	5,600-9,000	6,600-13,200	8,800-15,400	11,000-17,600	13,200-22,000
Screening width	mm	510	670	690	890	1,220	1,550
	inch	20	26	27	35	48	61
Total width	mm	740	890	910	1,110	1,450	1,770
	inch	29	35	36	44	57	70
Bucket capacity (SAE)	m ³	0.07	0.09	0.15	0.20	0.30	0.40
	y ³	0.13	0.13	0.20	0.26	0.39	0.52
No. of shafts	n°	2	2	3	3	3	3
Weight without bracket	kg	150-175	190-225	320-370	360-440	415-505	505-620
	lbs	330-390	420-500	705-815	795-970	915-1,115	1,115-1,365
Required oil flow	l/min	20-30	20-30	30-60	30-60	40-80	50-90
	gpm	5-8	5-8	8-16	8-16	10-21	13-24
Max oil pressure	bar	240	240	240	240	240	240
	psi	3,500	3,500	3,500	3,500	3,500	3,500

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