



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	ton	1.5 - 3	2.5 - 4	3 - 6	4 - 7	5 - 8	6 - 10
	lbs	3300-6600	5600-9000	6600-13200	8800-15400	11000-17600	13200-22000
Screening width	mm	480	690	690	890	1220	1550
	inch	19	27	27	35	48	61
Total width	mm	700	890	910	1110	1450	1770
	inch	28	35	36	44	57	70
Bucket capacity (SAE)	m ³	0.07	0.1	0,15	0,2	0,3	0,4
	y ³	0.09	0.13	0,2	0,26	0,39	0,52
No. of shafts	n°	2	2	3	3	3	3
Weight without bracket	kg	130-155	165-200	320 - 370	360 - 440	415 - 505	505 - 620
	lbs	290-340	365-440	705 - 815	795 - 970	915 - 1115	1115 - 1365
Required oil flow	l/min	20-30	20-30	30-60	30-60	30-60	50-90
	gpm	5 - 8	5 - 8	8 - 16	8 - 16	10 - 21	13 - 24
Max oil pressure	bar	225	225	260	260	260	260
	psi	3260	3260	3770	3770	3770	3770

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SIMEX

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