



OFFICE AND CENTRAL FACTORY
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Dealer:

The machines illustrated may show optional equipment which can be supplied at additional cost.
Specifications may change without notice.

06/07

TANDEM VIBRATING ROLLERS



LEBRERO



DIFFERENT VERSIONS FOR THE SAME CONCEPT.

TECHNICAL SPECIFICATIONS



The brand new VTA 202 is a very much versatile machine, created for medium size works like construction of sides of the road, widening of roadways, car parks, building interiors.

There are two versions available: VTA 202-100 of 2470 KGs and drum width of 1000 mm, and then VTA 202-120 of 2600 KGs and drum width of 1200 mm.

Both versions with a Deutz engine, air-cooled, of 31,3 CV power and a complete standard equipment.

This machine has also a very sophisticated system for an absolutely hydraulic transmission which up to now was only used in much heavier machines.

VTA 202 has been designed to work with dynamic variable pressure (of which best stage is CONCORDANCE). In this type of work the finishing and sealing of surface is perfect so that this machine is suitable for soil compaction as well as asphalt compaction.

General Characteristics

The small tandems by LEBRERO have drive and vibration in both drums. They are articulated in the centre and vibration can be switched off in the rear drum being only active in the front one.

The central articulation divides the machine in two equally weighted parts. That allows both drums to adapt individually to the ground even when it is uneven (oscillation angle).

Each drum bears inside an eccentric mass or vibrating axle. The activation of it is hydraulic.

The manageability and drive of the machine are very simple by means of a steering wheel, a transmission lever and several electric switches for the other operations.

All units are fitted with front and rear working lights, flashing light and antivandalism control panel cover. They comply with the European Standard CE.

Security

This machine has a three brakes system so that it fulfils with all the strictest safety rules.

- SERVICE BRAKE: Hydrostatic, manual activation through the transmission lever.
- PARKING BRAKE: Double system to brake the machine when the diesel engine is stopped. Both service and emergency brakes are then activated automatically, et en même temps lorsque le moteur diesel est stoppé.
- EMERGENCY BRAKE: Multidisc of negative action, automatic when leaks occur or the engine stops suddenly and manually controlled from the board with a switch specially designed.

Visibility

All VTA small tandems have a great visibility both front and rear.

Moreover, they have been designed so that they can approach the sides of edges very closely. That is why the visibility of both drums is laterally absolute and complete in order to do the side job perfectly.



			202-100	202-120	202-120 MX	
Mass Total	UNE 115-434	kg	2 470	2 600	2 450	
		lb	5 446	5 733	5 402	
On shafts	Front drum	kg	1 235	1 300	1 320	
		lb	2 723	2 867	2 911	
	Rear drum	kg	1 235	1 300	1 130	
		lb	2 723	2 867	2 492	
Static linear load	Front	kg/cm	12,30	10,80	11,00	
		lb/in	68,73	60,35	61,61	
	Rear	kg/cm	12,30	10,80	282/wheels	
		lb/in	68,73	60,35	621/wheels	
	Dimensions					
	Maximun	Lenght	mm	2 515	2 515	2 515
in			99,00	99,00	99,00	
Width		mm	1 100	1 300	1 300	
		in	43,30	51,18	51,18	
Height	mm	2 670	2 670	2 670		
	in	105,11	105,11	105,11		
Drum	Diameter	mm	700	700	700	
		in	27,55	27,55	27,95	
	Width	mm	1 000	1 200	1 200	
		in	39,37	47,24	47,24	
	Thickness	mm	13	13	13	
		in	0,51	0,51	0,51	

Compaction High e.m					
Clasification	UNE 115-435		PV3	PV3	VX0.PL0.
Impact	Amplitude nominale	mm	0,57	0,52	0,28
		in	0,018	0,016	0,016
		daN	2 450	2 450	1 335
Water	Centrifugal force	lb	5 400	5 400	2 943
		Hz	50,00	50,00	50,00
		r/min	3 000	3 000	3 000
Water	Nº tank		1	1	1
		Capacity for tank	L	145	145
		US Gal	38,31	38,31	38,31

Propulsion and steering					
Engine	Make		DEUTZ	DEUTZ	DEUTZ
	Model		D2011 L02	D2011 L02	D2011 L02
	Nº cylinders		2	2	2
	Cooling		Air	Air	Air
	Power (a 3000 rpm)	kW	23,0	23,0	23,0
		CV	31,3	31,3	31,3
		Revolution	r/min	2 800	2 800
Fuel	Tank capacity	L	63	63	63
		US Gal	16,64	16,64	16,64
Drive	Type		HYDROSTATIC		
	Drives elements		HYDROMOTORS		
	Speed	km/h	0-9	0-9	0-9
		mph	0 - 5,6	0 - 5,6	0 - 5,6
Brakes	Gradeability	%	30	30	35
	Service		HYDROSTATIC		
Steering	Parking & emergency		MULTIDISC WITH NEGATIVE DRIVE		
	Type		OSCILLATING ARTICULATED FRAMES		
	Drive		HYDROSTATIC BY ORBITROL		
	Tourning angle	°	30	30	30
	Oscillating angle	°	15	15	15