



OFFICE AND CENTRAL FACTORY

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Dealer:

06/06

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

TANDEM VIBRATING ROLLERS

SERIES K



Making our mark



the experience



The quality of an asphalt pavement highly depends on how the compaction has been made. Three are the variables that define this quality, surface finishing, average density and density at the bottom of the layer. The Lebrero VTA K range of tandem rollers is suitable to fulfill the highest demand levels.

The development of VTA K range is joined to Lebrero experience in compaction equipment for public works. The fields of application are very extensive and with an ideal model for each specific job; in bituminous mixtures, base, intermediate and of running layers; also, in nonbituminous superstructures, soils-cement, gravel cement and dry compacted concrete.

The choice is yours.



Model VTA 80 is a widely accepted model with established experience through our customers. In tandem versions, or combined with rear wheels, this machine has compacted pavements around the world with great success.



*Enter into the future
of compaction.*

quality and engineering
to your service



Water is guaranteed for the entire working day. Both plastic tanks prevent the growth of the flora. The capacity of 1000 litres is distributed by means of two interconnected pumps that ensure the continuous operation. A triple filtrate system of different sieves distributes the water to the sprayers. The LEBRERO patented system of foam rollers duplicates the capacity of the tanks. The sprinkling timer regulates the used water flow.

The manoeuvrability of the machine is one of the aspects that have been improved having in mind of customer's requirements. The mini turning radius together with the triple speed, higher than 14 km/h, of these new tandems overpass in manoeuvrability to other machines of its category.



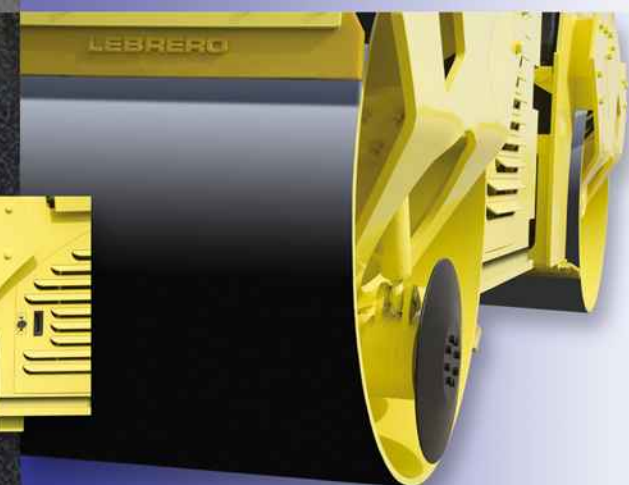
The lateral displacement system (or crab) allows these dynamic machines to get closer to any point of the road. An ingenious, simultaneously to a new and robust articulation, makes this remarkable improvement possible.

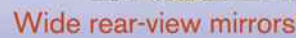


The wide operator position allows a total visibility around all the machine, without dead spaces. The seat shifts laterally, along with the joystick, to have an excellent view at both sides of the drums. The translation is controlled by an electronic system that allows a matchless smoothness, without abrupt changes in the directions inversions.



The hydraulic sidecutters cut and finalizes the job with a disc of great diameter. The assembly of the device assures a minimum distance between the drum and the sidecutter.





TOTAL WEIGHTS		UNE 115 - 434	kg	8 000	10 700	13 320			
On shafts	Front drum	kg	3 900	5 375	6 660				
	Static lineal	kg/cm	26,90	31,62	31,19				
	Rear drum/Wheels	kg	4 100	5 325	6 660				
	Per wheel	kg	-	1 025	-	1 331	-	1 665	
	Static lineal	kg/cm	28,28	31,32	31,19				
MAXIMUM DIMENSIONS		Lenght	mm	4 427	4 820	5 200			
	Width	mm	1 630	1 840	2 275				
	Height	mm	3 073	2 990	3 150				
Drum	Diameter	mm	1 040	1 200	1 400				
	Width	mm	1 450	1 700	2 135				
	Thickness	mm	16	20	22				
COMPACTION									
High e.m. Classification UNE 115-435			VT2	VX2/PL0	VT1	VX1/PL0	VT1	VX1/P0	
High impact	Nominal amplitude	mm	0,90	0,66	0,61				
	Centrifugal force	daN	4 781	5 800	7 200				
	Frequency	Hz	33	33	31,7				
		r/min	2 000	2 000	1 900				
Low e.m. Classification			UNE 115 - 435	VT0	VX0/PL0	VT0	VX0/PL0	VT0	VX0/P0
Concordance	Nominal Amplitude	mm	0,29	0,24	0,23				
	Centrifugal force	daN	3 454	4 807	6 700				
	Frequency	Hz	50	50	50				
		r/min	3 000	3 000	3 000				
PROPULSION AND STEERING									
Engine	Make		DEUTZ	CUMMINS	CUMMINS				
	Model		F4L 914	QSB3.9	QSB3.9				
	Nº cylinders/cooling		4 / air	4 / water	4 / water				
	Power output	kw	59	93	93				
		HP	80,2	125	125				
	Working speed	r/min	2 500	2 200	2 200				
	Fuel tank	L	175	205	205				
Drive	Type		Hidrostatic						
	Drive Elements		Low speed high torque hydraulic motors fitted at drums and wheels						
	Speed	km/h	0:14	0:7	0:6	0:8	0:7		
		km/h	-	0:10,5	0:9	0:12	0:10		
		km/h	-	0:14	0:12	0:16	0:13		
Brakes	Service		Hidrostatic						
	Parking & emergency		Multidisc with negative drive						
Steering	Type		Oscillating articulated frames						
	Drive		Hydrostatic through Orbitrol						
	Tourning angle	º	30	36	36				
	Oscillating angle	º	12	10	10				
	Drum offset	mm	-	+/- 100	+/- 100				
	Minimun turning radius	mm	-	4 183	4 220				
	Water tank capacity	/	616	950	950				
Tyres size	4x	-	13.8 x 20	-	13.8 x 20	-	13.8 x 20		