

SERIES

# ST/LT

BUCKET WHEEL / SAND TRAP



## BUILDING RAW MATERIALS

For the efficient dewatering and cleaning of sand

COMEC 

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## TASK

The increasing demands of the construction industry on the quality of concrete demand high-quality sands as aggregates. To comply with these requirements, bucket wheels and sand traps are used for the dewatering and de-sludging of wet-screened sand products.

## SOLUTION

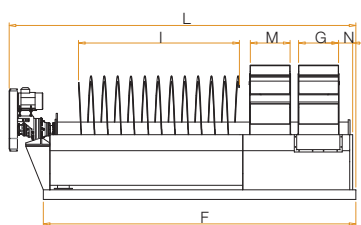
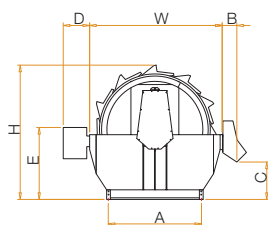
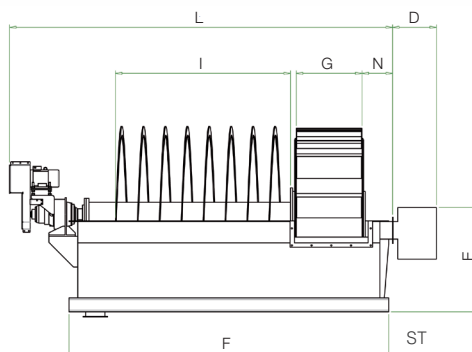
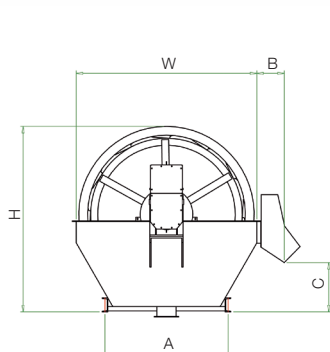
Comec-Binder bucket wheels and sand traps consist of a large tub with several compartments. In the first compartment of the tub the bulk of the sand settles on the bottom. The sand is conveyed by a worm gear to a wheel body and scooped out by the perforated buckets of the wheel body to be discharged into the nearest zone of the tub. In the following cleaning zone the sand is rinsed with water and thus freed of impurities. In the discharge zone, the cleaned sand is discharged tangentially by a wheel body with perforated buckets. A spillway system ensures that the wastewater drains away easily.

## BENEFIT

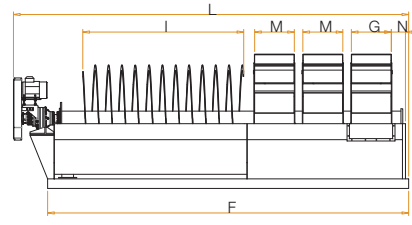
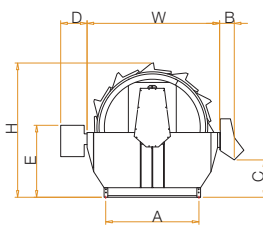
The especially sturdy construction and oil-lubricated drive make for low operating costs and long operating life.

Technical data																	
Type	Diameter	Dimensions in mm													Output	Power requ.	Weight
		L	W	H	A	B	C	D	E	F	G	I	M	N	m <sup>3</sup> /h	kW	kg
ST 2050	2000	3456	2160	2110	1410	195	620	485	1230	3397	500	2000	-	280	16	1,5	2420
ST 2075	2000	4710	2160	2110	1410	195	620	485	1230	3650	750	2000	-	280	30	2,2	2590
ST 2410	2400	5185	2560	2510	1660	220	805	485	1420	3950	1000	2000	-	300	50	3	3610
ST 2413	2400	5415	2560	2510	1660	220	805	485	1420	4222	1300	2000	-	300	50	4	4075

Technical data																	
Type	Diameter	Dimensions in mm													Output	Power requ.	Weight
		L	W	H	A	B	C	D	E	F	G	I	M	N	m <sup>3</sup> /h	kW	kg
LT 2050/2	2000	4810	2160	2110	1410	195	620	485	1170	4015	500	2000	385	280	16	1,5	2945
LT 2075/2	2000	5185	2160	2110	1410	195	620	485	1170	4390	700	2000	500	280	30	2,2	3325
LT 2410/2	2400	5780	2560	2510	1660	220	805	485	1360	4860	1000	2000	650	300	50	4	4640
LT 2413/2	2400	6945	2560	2510	1660	220	805	485	1360	6020	1300	2000	1000	300	70	7,5	6200
LT 2075/3	2000	6065	2160	2110	1410	195	620	485	1170	5100	750	2000	500	280	30	3	3840
LT 2410/3	2400	6380	2560	2510	1660	220	805	485	1360	5720	1000	2000	650	300	50	5,5	5200



LT/2



LT/3



## COLOUR

COMEC offers the opportunity to customize both your equipment and production lines with your desired colours, in order to support your own corporate design.

Features and sizes are not binding and Comec-Binder S.r.l. reserves to effect modifications or improvements for commercial and technical reasons at any moment and without notice.