

SERIES

GCS

SAND GRADING WITH HYDROCYCLONE



CONSTRUCTION AGGREGATES – EFFLUENT TREATMENT

Efficient and economical recovery of fine solids

COMEC 

www.comec.it



TASK

The COMEC sand grading groups of the GCS Series are efficient and compact modular systems for the classification and deslurrying of sands. The tangential feeding of the slurry and sand mixture into the cyclone creates a centrifugal effect and the sand is separated from the water.

SOLUTION

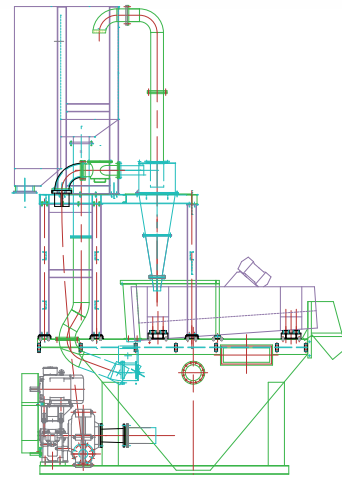
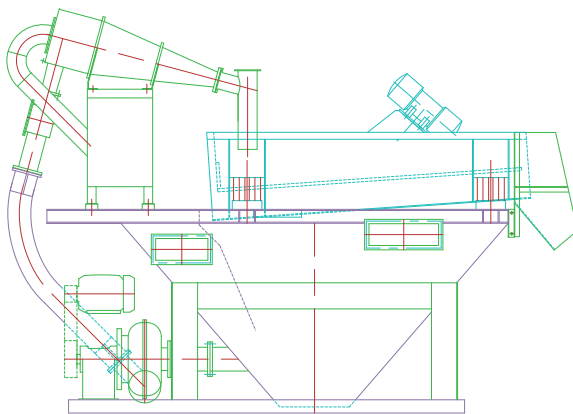
COMEC can choose your preferred solution from a wide range of models. Due to the use of gravity, the **V Series** does without any additional pumps for the transport of sludge into the settling sump. The **D Series** is used for the dewatering of sludge with a high solids content. The **EIR Series** is ideal for the treatment of sludge with a low solids content.

BENEFIT

COMEC sand grading systems ensure sand of the highest quality as a final product. A wide range of cut-points allows a highly precise classification of sands, while also reducing the water content to a minimum.

Technical data						
*Model	Cyclone/s	Pump	Vibrating dryer			Weight
	n° x Ø mm	kW	Model	kW	Dimensions	kg
GCS 15/2000	1x400	15	VA 170	3,2	850x2000	4250
GCS 25/2000	1x500	18,5	VA 230	4,4	1150x2000	4400
GCS 15/3000	1x500	22	VA 170	3,2	850x2000	4750
GCS 25/3000	1x600	22	VA 230	4,4	1150x2000	4400
GCS 35/3000	1x600	22	VA 345	7,2	1150x3000	5750
GCS 20/5000	1x750	30	VA 230	4,4	1150x2000	5500
GCS 35/5000	1x750	37	VA 345	7,2	1150x3000	6500
GCS 50/5000	1x750	37	VA 480	12,0	1600x3000	7000
GCS 20/7000	2x600	45	VA 230	4,4	1150x2000	6000
GCS 35/7000	2x600	45	VA 345	7,2	1150x3000	6750
GCS 65/7000	2x600	45	VA 480	12,0	1600x3000	9750
GCS 80/7000	2x600	45	VA 665	14,0	1900x3500	11500
GCS 20/10000	2x750	55	VA 230	4,4	1150x2000	6800
GCS 35/10000	2x750	55	VA 345	7,2	1150x3000	7750
GCS 65/10000	2x750	55	VA 480	12,0	1600x3000	10500
GCS 90/10000	2x750	55	VA 665	14,0	1900x3500	13000
GCS 125/10000	2x850	90	VA 855	18	1900x4500	14500

* = the 1st no. indicates the sand flow in m³/h = the 2nd no. indicates the water flow in l/min



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.