



THE CONSORTIUM BATTERY EQUIPMENT

HEAD Q.: Via Ongari 16/1 36030 S. Vito di L.
Vicenza Italy
PRODUCTION U. Vicenza, Milano &
Bergamo
tel: +39 0445 670100
+39 0445 069080
fax: +39 0445 069079

CHARGING DEPARTMENT FULLY AUTOMATIC

IS COMPOSED:

Feeding conveyors with indexing unit

Batch preparation unit + inlet trolley

Water bathes mod. Wt x-a

Unloading trolley with conveyor

Multilevel warehouse

Acid level control and refiller

Or in two shot

Dumper

Filling machine



FEEDING CONVEYORS WITH INDEXING UNIT

To feed tanks a conveyor is necessary. The conveyors are in different size, models and width so to assure the complete length. Are in stainless steel frame with guidelines and wire for the safety stop –emergency–.

BATCH PREPARATION UNIT + INLET TROLLEY

The loading trolley has the purpose to load the batteries that arrive from loading trolleys into formation tanks. It has a mainframe made of stainless steel AISI 316L tubulars that embraces the battery transport conveyor. Trolley runs along special rails placed on the conveyors.

The tank is selected by the operator on the **pc management & software**. The job of the preparation unit and inserting is absolutely mandatory to have a perfect disposition between batteries (should have a small constant space to let the water flow)



WATER BATHES MOD. WT X-A

A certain nr of water bathes is necessary to a good performance on the plant. All the tanks are under control on the operative box following the instruction gave from the plant manager. All process is recorded on the PC hard disk. All the water bathes dimension will be tailored to plant necessity and moving batteries, let a space between all the lines so the water can easily flow on the sides, reducing the temperature. On them a pt100 placed inside a battery in each row, check the acid temperature so to rise the cool water inlet, the flow, and also, if necessary, automatically stop rectifiers.

UNLOADING TROLLEY WITH CONVEYOR

It moves automatically and unload the batteries at the exit of formation tank and place themselves on the conveyor to go on warehouse multilevel or to finishing line.

CONSORTIUM BATTERY EQUIPMENT: STARTER BATTERY MANUFACTURING

Web: www.cbeequipment.com email: info@cbeequipment.com

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MULTILEVEL WAREHOUSE

Is required from certain companies that push on the formation, to let the acid quiet for a certain time so the bubbles, present on the side of the plates, can go out and the levelling machine can perform at top the correct acid levelling.

The positioning of the battery is well done and constantly check.

The warehouse can be tailored on the plant necessity.

Solid frame in stainless steel and pp conveyors. Acid proof, with all around windows and safety doors.

Soft and smooth moving allow the bubbles go out of cells.



ACID LEVEL CONTROL AND REFILLER

the Acid level control machine has the purpose to check the acid level, minimum and maximum, inside the battery.

Mainframe: electro-welded stainless steel AISI 316L that contains the operative head. The frame is closed with panels and protections realized in according to standards CE.

Acid level control unit: by differential transducer one each cell.

If the acid level is not exact between the max and min settled, the battery is not conform and ejected.



If the machine is completed with acid refilling head, the battery' acid level will be adjusted.

On two shod -double acid process- some other machines are require:

ACID DUMPER
ACID RE FILLER

AND IF NECESSARY OUR ACID COLLECTING AND RETITRATION PLANT.



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