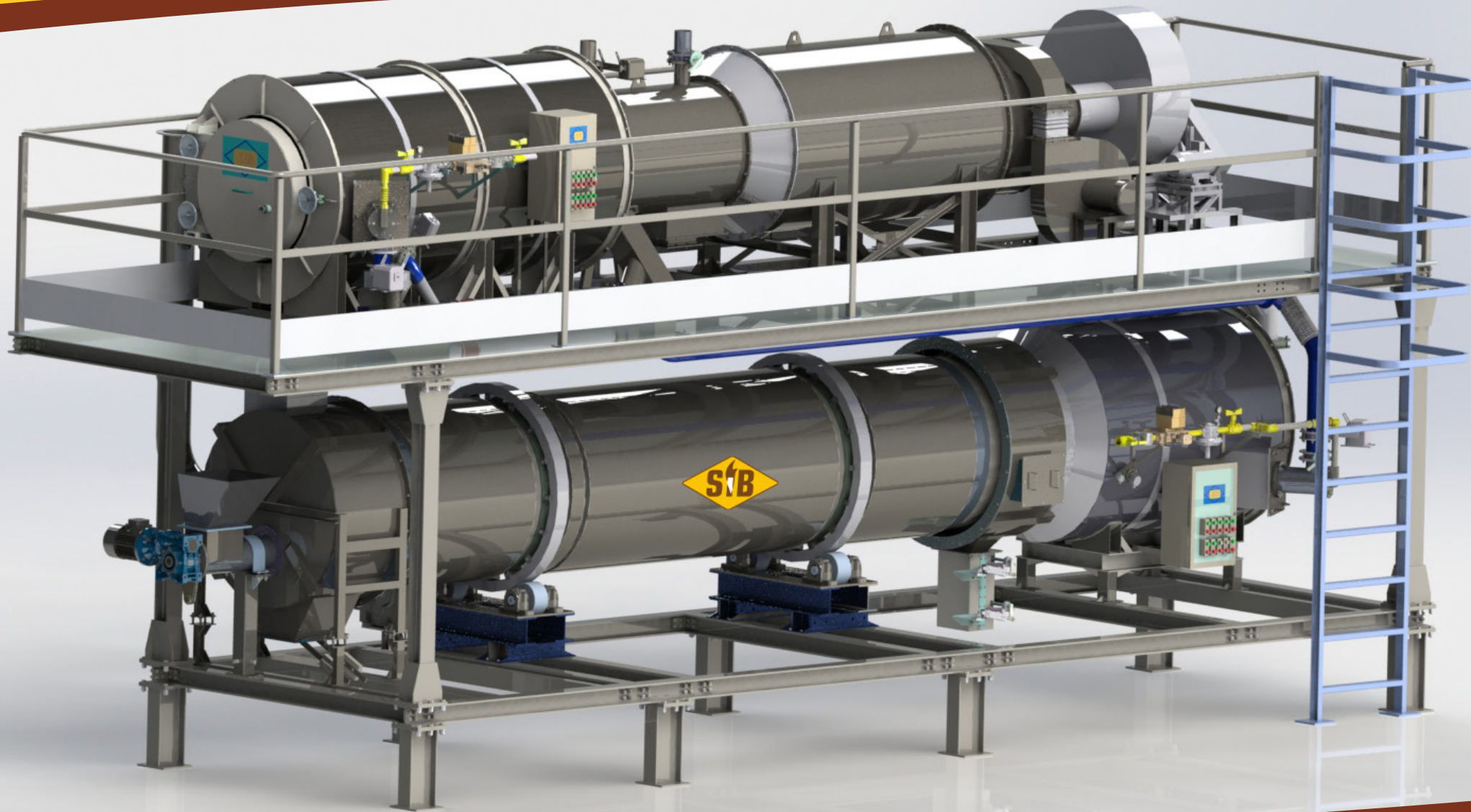




# CHIPS DRYER SYSTEM

COMPACT CDS<sub>c</sub> - 250 - RC

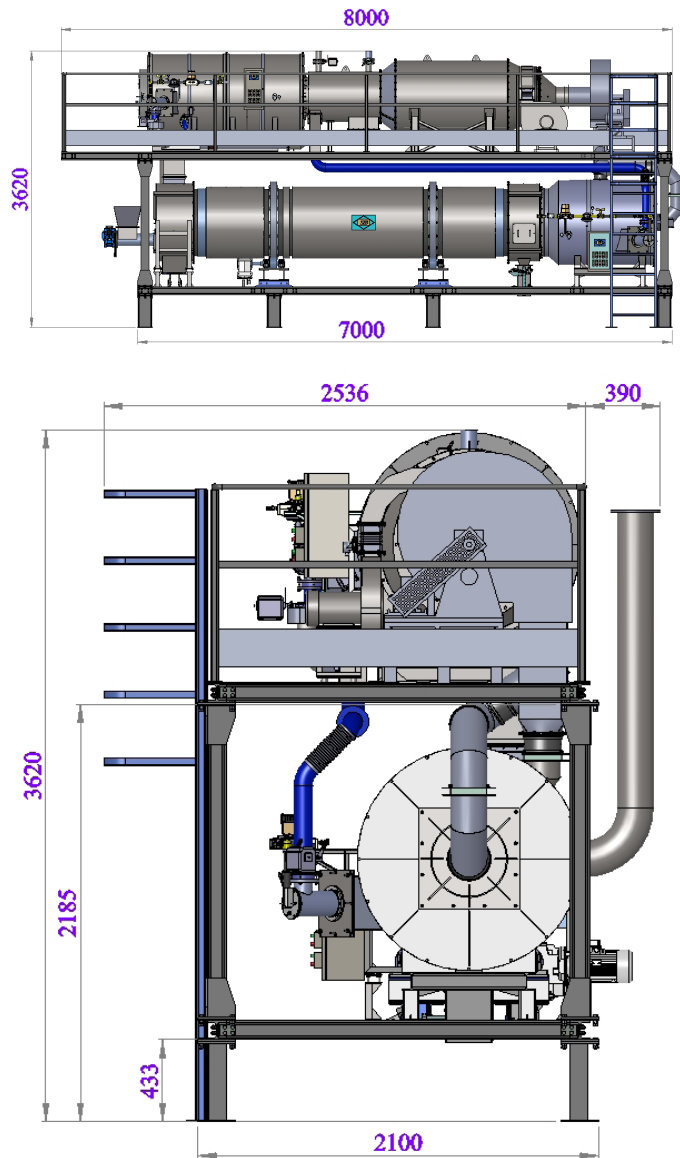
NEWS



TOP TECHNOLOGY OF THE EXISTING PRODUCT RANGE



**SMALL SPACE REQUIRED  
FOR INSTALLATION**



**SIB SRL - PIANEZZA (TORINO), ITALY**  
**TEL.: +39 011 966.32.63**  
**INFO@SIBTORINO.IT - WWW.SIBTORINO.IT**



## Dryer System CDS RC

SIB introduces the **Dryer System CDS** for aluminium and non ferrous metals as a result of many consolidated experiences coming from several applications actually in working.

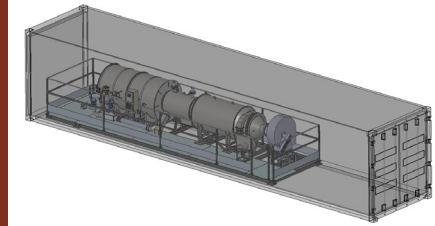
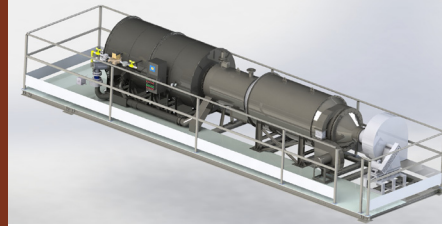
The **CDS** system is composed of an assembling of machineries that gives the cogeneration of the energy needed for drying the material inside the rotary cylinder.

The technical criterion of the system provides for drying process by means with exchange thermal convective and radiant between the material to treat and the deriving gas from the After-Burner/Recuperator of energy across the Energy Room, the gases are controlled in the value of oxygen and temperature and are countercurrent motion with the material to treat; is possible besides use the combustion gases of the melting furnace for a supply of heat energy that reduces sensibly the energetic costs.

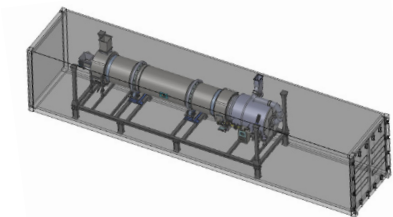
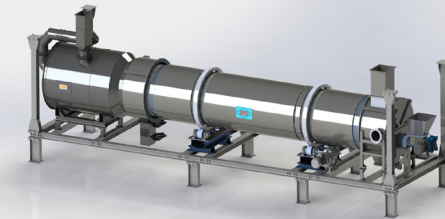
### TECHNICAL DATA

|                                |   |
|--------------------------------|---|
| <b>TYPE OF MATERIAL</b>        | ALUMINIUM CHIPS – CRUSHED ALUMINIUM   |
| <b>DIMENSION OF MATERIAL</b>   | Max 30 mm x 1 mm x 5 mm<br>Min 5 mm x 0,5 mm x 2 mm                                     |
| <b>WEIGHT/VOLUME</b>           | Not less than 250 kg/m <sup>3</sup> - Not higher than 700 kg/m <sup>3</sup>             |
| <b>WET CONTENT</b>             | Not higher than 15% total<br>(of which max 4% cutting oils, solvents, organic material) |
| <b>WET CONTENT AFTER DRYER</b> | Not higher than 0.05%   |
| <b>ENERGY RECOVERY</b>         | Integrated energy recovery system   |

**EASY SHIPMENT:  
ONLY 2 CONTAINERS**



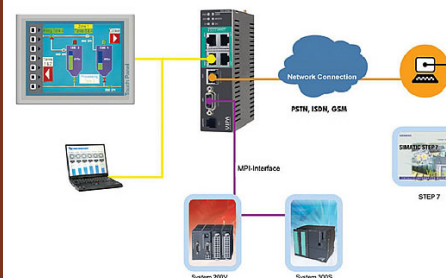
**EASY INSTALLATION:  
SYSTEM PREASSEMBLED**



### ADVANTAGES

- ✓ LOW CAPITAL INVESTMENT
- ✓ HIGH CAPACITY OF RECOVER MATERIAL
- ✓ ENVIRONMENT FRIENDLY
- ✓ EASY MELTING OPERATIONS
- ✓ EASY INSTALLATION
- ✓ LOW MAINTENANCE
- ✓ LOW OPERATING COST

### INTERNET REMOTE TELESERVICE



### FULL UNDER CONTROL INDUSTRIAL PLC- HMI

