



PASSION FOR PLANTS







## Company Profile

CMB is an Engineering Company, headquartered in Italy with local offices in Malaysia and in India, operating in the industrial sectors of Oils & Fats, Oleochemical and Biodiesel.

Since its establishment, CMB has been committed to a continuous improvement of its know-how, and its R&D department has always had a key role in this sustainable and green technological evolution. CMB technological excellence, together with the extensive experience of

our technologists and team, allows us to fulfill the stringent requirements for product quality, requested by these specific markets.

CMB is constantly developing new technologies and improving the in-house ones, to anticipate the future market demand for new and better products.

As part of the mission at CMB, Client's satisfaction is very important to us. Our success is defined by your success.

More than  
**400**  
process units

in  
**80**  
countries

over the  
**5**  
continents

**Have been installed by CMB, in the last years**

# Technologies

## CMB TECHNOLOGIES INCLUDE:

- Oilseed Preparation
- Solvent extraction with Rotary or Belt Extractor
- Oils & Fats Chemical & Physical Refining technologies
- Chemical & Enzymatic Interesterification
- Enzymatic water degumming
- Oils & Fats Hydrogenation
- Oil Fractionation Technologies
- Semi-continuous deodorizing process
- Oil splitting and sweet water treatment/concentration
- Fatty Acids fractional and total distillation
- Fatty acids hydrogenation
- Oleic acid dry fractionation
- Biodiesel technologies
- Enzymatic Biodiesel
- Methylester fractional and total distillation
- Glycerine distillation
- Special plants



To discover more about CMB engineering and processes, visit our website: [www.cmb.it](http://www.cmb.it) or our LinkedIn Page: <https://www.linkedin.com/company/cmb-oils-and-fats/>











**More** profitability

**More** quality

**Same** costs









>> **pilot plants** <<  
**CMB Tailor Made Plants**



## Company fully integrated services

### ENGINEERING

-  In-house developed processes know-how
-  Tailor-made plants design
-  Experience with plant automation using integrated computer systems
-  Expertise in the application of process computer-aided simulation and VR
-  Capability to design in accordance with all the international codes and standards
-  Computerized design and drafting using advanced software packages.



### IN-HOUSE WORKSHOP

CMB workshop is equipped with modern machinery for metalworking, welding and polishing.

All welding procedures, both automatic and manual, are qualified by national

and international Certification Bodies.

Our highly specialized and hardworking employees allow us to respond to our Clients' needs quickly and efficiently.





## SERVICES

CMB offers a variety of services, from technical and economical feasibility studies to plant start-up. The following services can be provided:

- Research & laboratory analysis, process development
- Project feasibility studies
- Process and detail engineering 3D design
- Equipment fabrication and procurement
- Plant skid – mounting
- Supervision to plant installation and start-up
- Training of operators
- Spare parts supply

## TECHNICAL ASSISTANCE & AFTERSALE

- Aftersales technical assistance
- Plant revamping and upgrading
- Project financing
- Troubleshooting
- Plant performance evaluation and optimization (product quality, energy consumption and plant operation reliability)
- Evaluation of plant equipment operating
- Conditions for planned maintenance (mechanical, electrical, instrumentation and control)
- Customer's personnel training
- Advisory service on new technologies, new equipment available on the market, improvements of plant operation, safety etc.

















## CMB Worldwide

### **CMB S.p.A.**

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