

ING. ROZZI DE HIERONYMIS CARLO MARIA

Scientific High School Diploma	Istituto "A. Manzoni"	Bologna
Mechanical Engineering Degree	Engineering Faculty	Bologna
State Examination	Engineering Faculty	Bologna
Registry of Engineers Member	Order of Engineers	Bologna
Knight of Work Diploma	Fondazione "G. Marconi"	Sasso Marconi (Bo)
Designer of hydraulic presses	"A. Lollini" Firm	Zola Predosa (Bo)
Designer of portal presses	"Nuova Matrix" Firm	Zola Predosa (Bo)
Designer of self-propelled machines	"Italo Svizzera" Firm	Zola Predosa (Bo)
Designer of hydraulic circuits	"Gamma Impianti" Firm	Casalecchio (Bo)
Technical Manager hydraulic systems	"Seico" Firm	Calderino (Bo)
Owner of plant production Firm	"RdhFluid" Firm	Sasso Marconi (Bo)

DEGREE IN MECHANICAL ENGINEERING AT BOLOGNA IN 1977

SPECIALISED IN HYDRAULICS SINCE 1985

OWNER OF COMPANY MANUFACTURING HYDRAULIC SYSTEMS

FIRST LANGUAGE ITALIAN

WRITTEN AND SPOKEN ENGLISH

Experience

Designing and projecting hydraulic circuits and systems

Marketing hydraulic products in Italy & Europe

Administering medium-size production units

Professor of oil-hydraulic and pneumatic English courses at the University of Bolzano (Bozen) Unibz

Teaching Master courses in hydraulics at the University of Modena and Reggio Emilia Unimore

Leader writer magazine Trasmissioni di Potenza [Power Transmissions] published by Tecniche Nuove, Milan

Author of technical publications

In charge of starting up and servicing systems abroad

Design ↗

Hydraulic valves

Cylinders

Manifolds and blocks

700 bar hydraulic pressure intensifiers

Electromechanical power intensifiers

Multiway rotating oil manifolds

Hydraulic circuits ↗

Fairground roundabouts

Amusement rides

Rolling mills
 Lines for hot and cold sheet metal working
 Lines for pipe mills
 Flying shears
 Reels
 Foundry
 Drives for bascule road bridges over water courses
 Machine tools both new and revamping
 Presses for scrap metal
 Presses in general
 Machines for plastic blow moulding
 Demolition claws and devices
 Punches for iron and aluminium
 Glass cutting machines
 Lubricant distribution lines
 Self-propelled agricultural machines
 Earth moving machines
 Specials

- Degree in Mechanical Engineering from Bologna University in 1977
- Enrolled on the Registry of Engineers, Member N° 3293 from 1980 to 2006
- Specialised over the last 30 years in designing and building hydraulic systems, as the evolution of previous design experience with presses and self-propelled machines
- He has taken part in workgroups for analysing safety in the construction and running of roundabouts and amusements
- Specific competence on lifting and opening devices for road bridges, pipe production lines, sheet metal working, automatic machines for blowing plastic using *blow moulding* technology, self-propelled agricultural machines and machine tools
- He collaborates with the Tecniche Nuove publishing house in Milan, publishing in instalments the "Manuale pratico di Oleostatica" [Practical Manual of Oleostatics] and writing editorials and articles
- He is part of the Scientific Committee of the magazine Fluid - Trasmissioni di Potenza [Fluid-Power Transmissions]
- He has contributed to correcting the Hydraulics Manual published in 2006 by Assofluid and its English version in 2007
- He holds courses in hydraulics at training centres such as COFIMP in Bologna and Ferrara, PERFORMA in Ravenna, IRIS in Modena, FONDAZIONE SAN GIUSEPPE in Ferrara, CIS (Piccola e media Industria) in Reggio Emilia, FORPIN (Confindustria) in Piacenza, FAV Aldini-Valeriani Foundation Bologna.
- He is a professor of plant engineering for the post University Master courses held by the University of Modena and Reggio UNIMORE
- Professor of oil-hydraulic and pneumatic English courses at the University of Bolzano (Bozen) UNIBZ
- He was part of the ISO workgroup for the PRO/HIPP project
- He is inspector for fairground and amusement park accredited by DAC (Dubai Accreditation Center)
- He has designed experimental equipment in the medical field in collaboration with Officine Rizzoli and the ORL Clinic of the Sant'Orsola Hospital in Bologna

- He has designed and built the drive and sequential control for opening the Anita Garibaldi mobile bridge in Cesenatico, a mobile gangway for cyclists in Casalborgorsetti (Ra) and the mobile bridge in S. Pietro di Comacchio (Ra)
- He is the owner of the Firm RdhFluid.

Last update of this curriculum: 2024

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Ing. Rozzi de Hieronymis Carlo Maria