

# Egger Info

Egger in the spotlight

Learning by doing

Transport & Logistics

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## Egger in the spotlight

### Covid-19, before, during and after

The pandemic that arrived in Europe at the beginning of the year was fully unexpected. There was a before, there will be an after. The before is well known: good growth, many projects, many offers and orders.

We are still suffering the "during", with its restrictions and sanitary constraints. If we have to go through it to get out of it, then let's make these few sacrifices, health is at stake!

Afterwards, on the other hand, will be a different story. Not knowing when the pandemic will end, we don't know when the after will begin. What is certain, however, is that it will require changes. On this point, however, there is nothing new, there have always been changes, and we have always had to adapt to them. No company can escape the obligation to constantly requalify its employees, review its organisation, and renew its processes. If you don't see the signs of change early enough, if you don't have the courage to adapt in time, if you refuse to take risks, if you prefer routine to action and if you prefer a culture of conservatism, then you are in real danger.

Looking back 20 years at Egger, the company did not look much like today. For 73 years, we have always had to adapt and we have always been able to do it, there is no reason for it to change...

F. Kaluntory

Francis Krähenbühl CEO

As well as presenting itself at the annual Swissmem Symposium (please refer to the article dedicated to this event), our company recently has had several opportunities to show itself at its best.

### Swiss Economic Forum, Montreux

At this major event with more than 800 participants, we were invited to provide a joint presentation with ABB and Microsoft, to an audience of more than 60 persons. It discussed the importance of industrial digital solutions, or IoT if we prefer "the Internet of Things". ABB described their developments in smart sensor devices (the "smart sensor") for their motors. We then illustrated how these sensors are used to monitor the status of our pumps in real time. It will soon be possible, thanks to developments in capturing and processing the data, to predict the incidence of breakdowns, recording of wear, and to plan preventive maintenance. Microsoft then explained which measures are taken to ensure the safety of data management.



### SVC Award ceremony

The SVC Price rewards every two years the best SME from seven regions of Switzerland, including French-speaking Switzerland. The winner is chosen based upon a dozen criteria to include innovation, corporate culture, commitment to the fabric of the region, commercial successes, noting both historical performance and future strategies. A group of 17 independent experts preselect around 80 companies, then select only six for the final; we are honored to be amongst this latter group.

The winner should have been named on November 4th, but the ceremony has been postponed until next year due to Covid-19. We will therefore have to wait a



while before knowing which final ranking awaits Emile Egger & Cie SA.

F. Krähenbühl

### IMPRESSUM

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Christine Vuille, Thomas Bleif, Francis Krähenbühl, Stephan Zürcher **Collaboration**: Christian Antongiovanni, Darrell Buckley, Stéphane Casteilla, Sandra Couceiro, Loan Gerber, Johan Kempeneer, Rubens Munaretto, Werner Raffel, Thomas Reuter, Nicolas Rauch, Patrick Vanotti, Young Yang, Henry Wang, Sacha Weber, Jérémy Zillo **Design**: Vreni Ravasio **Production**: Cornaz SA **Credits photos:** Archives Egger, Patricia Vanoli, Christine Vuille, Thomas Bleif, Fracht SA Geneva: Fernando Balagué, Johan Kempeneer, Rubens Munaretto, Nicolas Rauch, Swissmem Symposium: Giulia Marthaler Fotografie, Technical University of Berlin (TU-Berlin), Ronald Wenger, ABB

Editorial team: Melanie Pinheiro, Patricia Vanoli,





In the apprenticeship centre of Emile Egger SA, we train Machine Tool Technicians and for the past two years we have been training production mechanics. Work-linked apprenticeship is a different and more professional training path. It is the best of both worlds; it leads to a diploma (CFC) and is a recognized and valued professional experience.

Many people have benefited from dual learning; we all have a relative, a friend, an acquaintance who praises the merits of this policy. At Egger, Mr. Casteilla trains a group of apprentices from different socio-cultural backgrounds and experiences, and it works! Since taking up his position, he can be proud to have a 100% success rate in obtaining CFCs. Even if recruitment is increasingly difficult, Mr. Casteilla remains optimistic, real talents come out every year at the end of the cycle, motivated apprentices who are proud to see that their CFC is also a springboard to more specialized studies with important responsibilities.

Let us give the floor to those who have embarked on this path, to our apprentices of CFC Machine Tooling and production mechanics.

#### Can you introduce yourself?

LB: My name is Loan Berger, I am 17 years old and I have just finished my second year of Machine Tool mechanics, which ended with a practical test.

SW : My name is Sacha Weber, 23 years old, I was born in the Paris region. My secondary school career began with secondary school followed by high school where I obtained my technological baccalaureate in Sciences and Technology of Industry and Sustainable Development with a Russian option. After studying law at university in Paris, I realized that this course of study was not for me and I decided to redirect myself towards my initial path, Industry, and I started a CFC as a Machine Tool mechanic in the canton of Neuchâtel. After four years, I obtained my diploma and decided to continue my studies as a business process technician at the CEJEF in Porrentruy in a dual-training system with the company Emile Egger. This training will last three years.

Why do you choose the dual track and what expectations do you have of this training?

LB: This training represents quite well the idea I had of the continuity of my studies. I work well at school but I also wanted to do a course of study which would allow me more than purely a theoretical training. I was looking for practice and immersion in the professional world.



Loan Berger

Sacha Weber

SW : It is one of Switzerland's national prides, dual training is not only part of Swiss DNA, but is also envied, even copied, throughout the world. This training very quickly opens the doors of the labour market because dual apprenticeship plays a role of social integrator. In addition to remuneration, it also offers the opportunity to combine theory and practice directly in a professional environment with all the requirements that this entails. This is what, in addition to all the previous points, led me to opt for this CFC approach. My expectations of this training were numerous, starting with the discovery of the professional world that previously had been seldom encountered, the teaching of practice in a workshop, the pride of participating in the creation of adding value by producing parts for sale.

The technical background of Mr. Casteilla, who is in charge of training the apprentices, and his keen sense of the human aspect, immediately made me feel at ease and enabled me to acquire a solid technical background.

#### What are your ambitions for the future?

LB: My results are convincing and should enable me in the medium term to join an engineering school. I know that my basic training will be able to consolidate my theoretical knowledge, and so I will be able to better master all the manufacturing aspects of a company.

SW : After obtaining my CFC, Mr. Dind, Operations Manager, whom I thank, gave me the chance to continue my career within the company. My ambition would already be to obtain my diploma as a Business Process Technician and then apply my knowledge at the heart of the company.

> L. Berger, S. Weber, S. Casteilla, C. Vuille





Without freight transport, a company is completely paralysed. Without heavy goods vehicles, without cargo ships or aircraft, no deliveries or exports. Our company would not be what it is today, efficient and competitive, without well-organized transport and logistics.

The total annual transport performance of our goods is divided between the European continent and the rest of the world. Approximately 80% of our pumps transported in Europe are transported by road, mainly by Heavy Goods Vehicles over 3.5 tonnes. Almost all goods from outside the continent are transported by air freight from airports in Switzerland. This considerable volume of trade with foreign countries as well as within our own country is a challenge. Switzerland is in the centre of Europe, but it is not part of the European Union, a challenge to export to the world!

Each mode of transport has its own way of operating, but all rely on identical logistics. Our role is to implement all the means and methods enabling the flow of goods before, during and after production (packaging, customs documentation, monitoring, import/export invoicing). Our objective is to bring our products to their destination within the required deadlines. We provide

logistics and support, coordination of resources, seeking to obtain the lowest cost and reliable service. We work closely with our colleagues in other subsidiaries to ensure customer satisfaction, while adapting to environmental constraints and taking into account other parameters such as safety, regulations and quality.

For example, we handle a variety of situations. Containers that may be scattered around the world, a blockage of goods in customs, or an



omission to load at a terminal. We therefore attach particular importance to the packaging of our goods. Packaging conveys our company's image and also guarantees its identity, since our packaged products are in transit for several days, are handled, stacked and moved many times! Our company is AVIASECURE certified, recognised as an approved exporter by the Swiss

customs and qualified as a quality shipper by the FOCA.

The transport of goods is both challenging and risky. One of the key factors for success remains a good preparation of the administrative aspect in order to respond efficiently and flexibly to the requirements, while harmonising with the needs of our company.

S. Couceiro

### **Swissmem Symposium on Decarbonisation**

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On 27 August 2020, the 18th Symposium of Swissmem, the Association of the Swiss Machinery, Electrical Equipment and Metalworking Industry, took place in Zurich. This year's focus was on "The Challenge of Decarbonisation - Solutions for the MEM industries". In addition to a series of presentations on the general economic conditions, the seminar highlighted specific applications, solutions of Swiss SMEs, and how they can contribute to decarbonisation with innovative solutions and products.

Francis Krähenbühl, our CEO, presented two newly developed applications to explain how innovative companies can activelyparticipate in the energy transition.

Using the example of LanzaTech's bacterial fermentation and the cooperation between the two companies, Mr. Krähenbühl illustrated the role of Egger EO Process Pumps in  $CO_2$  removal and recycling. Thanks to their ability to pump liquids with a high gas content without clogging, our pumps are the heart of the LanzaTech fermentation process.

The second application is the one already described in our Spring 2020 issue, namely the collaboration with Azelio for the storage of solar energy and the production of electricity during the night. In this demanding process, pumps convey liquid sodium at temperatures of up to 600 °C. It is used as a heat transfer fluid for the recovery of energy at night.

These two applications are detailed in our spring edition.

F. Krähenbühl







Johan Kempeneer (40) has been managing Egger Turo Pumps Belgium for ten years. Under his leadership, the customer base was expanded considerably and turnover increased.

Over the past decade, Johan further expanded the customer base in the chemical and metallurgical industry, especially in the Harbour of Antwerp. As a result, sales in Belgium have quadrupled over the last ten years.

#### **Technical background**

Thanks to the support of Egger, Mr. Kempeneer graduated as a pump engineer from Pumpenfachingenieur GmbH, a collaboration of the Technical University of Berlin and the Graz University of Technology in Austria. "Thanks to this training, I can handle both technical and commercial aspects. We are very selective in the quotations we make. However, as soon we fully understand the application of the customer, a detailed offer adapted to the application is sent out. In about 80% of the cases, the customer accepts our solution." Johan said.

opportunities to further increase turnover with the same team by working even more efficiently and by intensifying marketing.

### Future

Mr. Kempeneer has seen some striking trends in recent years. "The circular economy and recycling are becoming increasingly important and give rise to more difficult and challenging pump applications. We are always looking for new pump challenges where we can demonstrate our capabilities." Despite the current Covid-19 crisis, he still sees plenty of



J. Kempeneer

## News from our Central & Eastern Europe Office (EC & EE)

During the past 15 years, the market development of the Central and Eastern Europe countries has followed a logic, starting our implementation in countries like Hungary and Czech Republic, then extending it to all East European countries.

EC & EE is now covered by commercial relationships in 19 countries as far as Belarus, Eastern Russia, Kazakhstan & Uzbekistan. In 13 of these 19 countries, official agents are representing our company with around 30 sales people promoting our products on a daily basis. It is important to mention that most agents are the same for many years, some for 15 years.

Markets are of course different depending upon the country,

but we make a point in being active, from petrochemical applications in Hungary to fertilizing in Belarus with the development of a new hydraulic power plant in Poland,





or the car industry in Romania.

Those are only some examples of our activities in Central and Eastern Europe. Our goal is the constant search for new opportunities whilst quickly reacting to the market evolution. We are also willing to establish a long-term relationship with end customers in supporting them to find the correct pump equipment for their application.

Our potential sales growth in Central & Eastern Europe is huge and Emile Egger & Cie SA is now a well-known brand in these countries.

N. Rauch

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Egger Info / Autumn 2020



Danieli is one of the world's most renowned engineering companies in the field of steel. It is based in Buttrio, in the province of Udine, about two hours' drive from Turo Italia. However, despite this geographical proximity, we have never been able to join Danieli's list of suppliers so far. There are two main reasons for this: on the one hand, the close relationship between Danieli's management and KSB Italia, and on the other hand, KSB's ability to offer a complete package.

During the last 3 to 5 years, Danieli wishes to break away from this single-supplier situation. The real opportunity came to us in 2018 when Danieli, interested in the American and Russian markets, involved us in the possible supply of a set of vertical pumps for wastewater treatment plants.

The first project to come to fruition is that of end customer Nucor, in Gallatin, Kentucky (USA), which comprises the renovation of the entire sewage treatment plant where more than 20 large pumps are planned.

The difficulties of the project are many:

- Ongoing management of the factory project by the American final customer, which involved us and Danieli and which led to 18 revisions of the offer in the space of nine months,
- The competitor is also American (Flowserve) since it is also located in Nucor (the pre-existing pumps are from Flowserve which has a workshop nearby),
- Very short delivery times due to continuous delays in design (five months for delivery of all pumps),
- Due to the length of these SG pumps (Vertical Submergedtype) pumps exceeding six meters and the large LB6 (shaft, bearing diameter) size, a close co-operation with our parent company at Cressier was necessary to check for feasibility, within the timeframe required by the project and with particular attention to in-plant handling,
- All the pumps all had to be tested on the test bench,
- From a production point of view, Turo Italia has never had such an order and the difficulties in managing materials and space are quite understandable according to the photo opposite.



The technical appreciation of the Egger product, the good knowledge of the customer thanks to the personal contacts of the area manager Luca Benetti and the great professionalism and flexibility shown by the two teams from Marano and Cressier in managing this project were decisive, both in the acquisition of the order and in its execution (which was carried out in compliance with all the deadlines and criteria imposed by Danieli). Indeed, this has earned us direct thanks from Danieli's CEO, Mr. Giacomo Mareschi Danieli.

R. Munaretto, C. Antongiovanni

P.S. The plant was due to be commissioned in July 2020 but was postponed until July 2021 due to the spread of the Covid-19 epidemic.



Project Danieli ready for delivery.

# 50th Anniversary Turo Italia

The Italian branch of the Egger Group celebrates its 50th anniversary this year!

Not everyone may know the history of Turo Italia and why it is called Turo Italia. So let's take this opportunity to inform our colleagues about our subsidiary, inviting those whom are curious to visit the Turo Italia website in the video section, *www.turoitalia.com*.

Turo Italia was founded in 1970 as a 50% Joint Venture between Emile Egger & Cie SA and two engineers from Marano Vicentino, Mr. Bramati and Mr. Widmer. After a period of collaboration with the Costa de Marano company, they decided in the 1960s to create their own company, BWM (Bramati Widmer Marano) to manufacture mechanical components for the paper industry. Among the various products offered by BWM were also Egger pumps, which were purchased from Cressier through the Italian Egger office in Milan. Following some financial difficulties at BWM, Egger Cressier offered to turn the situation around and join the company as a shareholder. As a result, Turo Italia was established in 1970, with headquarters and a factory in Marano Vicentino and a sales office in Milan.

The name Turo Italia was chosen in honour of the Turo hydraulic, which at that time was becoming well known to the main sectors of Italian industries.





Turo Italia S.p.A.

In the 1980s, Emile Egger & Cie SA acquired one percent additional shares, giving a majority stake, yet the company structure remained virtually unchanged until 2002. In that year, Mr. Foletto, the director of the company hired by Mr. Widmer, retires. Furthermore, Mr. Bramati's heirs decline to hold a stake in the company, so Egger decided to buy the remaining shares and transfer Turo Italia to the Egger Group, officially in 2004. The name Turo Italia remains unchanged, however, as customers in the Italian market have known the company under this name for more than 30 years.

The more recent history of Turo Italia is better known: Marano becomes a production plant of the Egger Group for its own needs, then for Cressier and the other subsidiaries, while its sales force expands from the Italian to the African market.

After many good years full of memorable moments, 2020, the year of the 50th anniversary arrives and brings Turo Italia its greatest satisfaction: the creation on a plot of land next to the company and the opening (on 14th September 2020) of the "Giardino dei Piccoli", a nursery school for 39 children from Marano and the surrounding area. In this way, the company is making a firm societal contribution to its region.



Today, Turo Italia is thus an essential element of the Egger Group around the world and a key contributor to its success. Congratulations on this 50th anniversary and long life to our Italian subsidiary!

R. Munaretto, C. Antongiovanni





# COVID-19: How to communicate effectively with clients

The abrupt arrival of the COVID-19 pandemic in January 2020 on Chinese territory prompted our local sales and service teams to review their communication methods very quickly to ensure effective and professional contact and technical support with their customers.

Usual techniques such as customer visits, regular organization of seminars targeting a specific audience by industry type in our Shanghai office, "Open Days" in workshops with practical training etc, have all been cancelled due to the sanitary restrictions imposed by the Chinese government to fight against the spread of the virus. These measures prompted Egger Shanghai to look for alternatives. Two new techniques, increasingly used by the younger generation, have been exploited by our teams in China in order to cultivate this important relationship with our customers.



### "Live-Broadcast" / Transmission of a live presentation

Egger Shanghai held its first live presentation on June 23, 2020. Topics such as company presentation, product range, references, troubleshooting experiences, etc. were exclusively addressed to the automotive industry. This premiere was enthusiastically received by the target audience. Indeed, no less than 30 persons connected to this show "live" via smartphone, tablets, laptops or other devices.

This live communication was highly appreciated by the participants, who were able to discuss and react not only with the keynote speaker, but also with each other.



### "Video Recording" / Video Customer Support

Our colleagues Mr. Manu Huang and Mr. Grant Zhang - Deputy Service Manager - have produced a video lasting approximately 20 minutes showing the assembly and disassembly of a pump shaft seal of the Euro-Dyn® type (hydrodynamic seal) for the purpose of replacing O-rings and lip seals during maintenance work. A practical guide clearly visualizing the different stages of this operation and a valuable remote assistance for our loyal customers.

Y. Yang



Scan the QR Code to access directly to the video of assembling and disassembling Eurodyn® in details.

### After-sales service in Switzerland

Emile Egger & Cie SA's After-sales service is spread over two locations in Switzerland: Cressier (NE) and Wangen (SZ). The main tasks of this department consist of pump overhaul, on-site installation and commissioning of new pumps, as well as performing regular maintenance for customers' service contract. Moreover, we advise customers and suggest improvements in order to optimize the process and increase the pump's lifetime. The service at our workshop provides coverage for pumps from all over the world, with the pumps sent back to the headquarters and factory in Cressier.

### Some figures

Annual average	Number
Overhaul / Repairing / Modification / Fixing issues and flaws at factory workshop	240
Breakdown assistance / Overhaul / Modification / Fixing issues and flaws onsite	110
Maintenance Service subscription for customers in Switzerland	130
Installing new or thoroughly repaired pumps / Commissioning onsite	40
Total	520

### Pump arrived in Cressier:



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Pump entirely revised and ready to be returned to the customer:





**Overhaul example** 

Manufacturing year:

Pump type:

Usage:

EOS 7-250 SO8 LB4B-3 2013 Wastewater treatment plant, Pump for biological secondary clarifier

This pump has been running for 7 years, at the customer's site, fully meeting the requirements. No maintenance has been performed during that period, and today the pump is still suitable for refurbishing.

Such an example demonstrates that after complete overhaul, the pump is "as new" and will continue to operate reliably and efficiently for many years to come.

P. Vanotti



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### Raw sewage and high discharge heads a mastered challenge

In Kalchreuth wastewater treatment plant (Bavaria), extensive renovation and expansion work had planned to enable wastewater treatment in accordance with current and future requirements of water legislation.

With the intent to avoid high investment and operating costs associated with the modernisation of the wastewater treatment plant, it was decided in spring 2010 to opt for a less expensive variant in the form of a wastewater transfer to Nuremberg. The Nuremberg sewer network and the Nuremberg sewage treatment plants operated by the "Stadtentwässerung Nuremberg SUN" can absorb the additional volumes of wastewater from Kalchreuth.

A new pumping station was built for this purpose from October 2012 on the site of the former sewage treatment plant of the municipality of Kalchreuth. The raw water is to be pumped through a pressure pipe approximately 10.5 kilometers long. The line has to overcome a gradient of around 78 m and crosses the 6-lane A3 Nuremberg - Würzburg motorway via an underground pipeline. The pressure line stops at the north-eastern periphery of Nuremberg and the waste water continues in free flow through the existing canals to the Nuremberg sewage treatment plants.

The planning was entrusted to the engineering office ELO-Consult.

The given boundary conditions demanded high pump technology and high expectations. After all, raw untreated sewage had to be pumped at 92 m (302 ft) tdh with a flow rate of 40 l/s (16 gpm).

The engineering office 3S-Consult carried out a water hammer calculation to determine the required torques and control details. The start and stop ramps of the frequency converters were set in accordance with the water hammer calculation specifications, so that the pumps could be optimally adjusted for this topography.

For the selection of the pumps, SUN finally opted for the pump manufacturer Emile Egger, who was able to provide numerous concrete references for this exceptional application with high discharge heads.

Four identical pumps type TA 81-100 H4 LB4B were therefore used. The patented Turo® TA Vortex Pumps are equipped with a Vortex impeller optimised for raw sewage to ensure maximum operational reliability in case of blockages. Due to the high operating pressures, the hydraulic material of the casing and casing cover are made of ductile grey cast iron. Two pumps in series achieve the required height of 92 m. In order to reach the required moment of inertia, a flywheel mass of 565 mm diameter and 186 kg has been installed on each coupling.

The pumps are designed according to the usual Egger standard in a solid process construction. A robust construction, large wall thicknesses and reinforced bearings guarantee a long service life, even under difficult conditions.

Commissioning of the pumps took place in January 2014 in the presence of the pump manufacturer Egger and the training of the operators was carried out by the Egger service team.

Since then, all four pumps have been working very reliably without any disruptions or clogging.

T. Reuter





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### **Energy-efficient pumping of raw wastewater**

The pumping of municipal raw sewage is a great challenge. The main problem here is the percentage of fibrous materials, which in the form of wet wipes or similar, is found in the municipal raw sewage in an ever increasing quantities.

For years now, we have been offering our patented Turo<sup>®</sup> TA free-flow pump impeller, which was developed specifically for pumping wastewater.

The new pump EOA series was developed to achieve higher flow rates compared to the fully recessed vortex pumps. It is based on a 2-bladed, half-open radial impeller. We installed the first pump of this series in 2014.

Currently, various pumping stations and sewage treatment plants in Switzerland and Germany are equipped with these pumps. A clog-resistant pump alone is no longer sufficient to meet today's requirements, it must have a correspondingly high energy efficiency. To continue and improve this development is our motivation.

At the beginning of 2020, we installed an entirely new EOA impeller size EOA 8-250 for practical testing.



**Figure 1:** Illustration of the improved Egger EOA impeller

The impeller was previously tested at the Technical University (TU) Berlin on a test stand with a standardised waste water.



Figure 2: Test bench setup TU-Berlin with an EOA 8-250 HF6

Already first measurements after the installation on the sewage plant showed that the very good values of the measurements from the TU-Berlin were confirmed in practice. Efficiency improvements of up to ten percentage points with raw sewage compared to the original version could be proven.

A good indication is the effective energy requirement to pump 1 m<sup>3</sup> of raw wastewater 1 m high [kWh/m<sup>3</sup> \* m]. This value includes all power losses of pump, motor and frequency converter.

The theoretical value (individual efficiency 100%) is 2,725 Wh/m<sup>3\*</sup>m. The optimum achievable in practice with raw sewage is 4 Wh/m<sup>3\*</sup>m.



A proven examination of the anti-clog properties of a pump is the one hour run-test. Here the pump is operated at constant speed and the flow rate is measured. The flow rate must remain constant over time. This shows that the incoming fibres are conveyed at 100 %. Thus, the pump is entirely free of any clogging!



The resistance to clogging was significantly improved. This can also be judged by the required torque of the pump. Same period, there were 4.7 times fewer torque-related pump shutdowns than with the first impeller generation. Under the same conditions of use of a single-channel wastewater pump with spiral impeller the value was even 5.8.

In summary, with the development of the new EOA impeller, we have achieved an energy-efficient and clog-resistant pump that is close to the optimum. We are thus prepared for future requirements by a planned eco-design directive for wastewater pumps of the EU. We have applied for a patent for the new EOA impeller design.

Currently the series includes the following pump sizes: EOA 8-250; EOA 8-300; EOA 9-250; EOA 9-300. Further sizes of the EOA series are planned for the coming year.

W. Raffel

Cf. the measured Egger EOA impeller 2<sup>nd</sup> generation of a single channel impeller wastewater pump with spiral impeller and a single channel wastewater pump impeller with tubular passage.









Mr José Gomes has taken on the position of Team Leader - After Sales Service - Workshop Manager and is in charge of the supervision and technical management of the after sales service department in Cressier.

Mr Dimitri Dind has taken over the position of Team Leader in the CNC Centre department and has been appointed Tooling Manager at Cressier.

Mr. Yannick Masini has taken over the position of Team Leader, CNC Centres department and has been appointed Tooling Manager at Cressier.

On 1st September 2020, Mrs Sandra Couceiro took over the position of Logistics Manager. She is responsible for the departments and services of invoicing, goods receipt, warehouse and dispatch. She will continue to oversee invoicing, the organisation of import and export transport and negotiations with transporters.

Mr. Christian Antongiovanni has been appointed Chairman of the Board of Directors of the Group on January 1st, 2021. He retains his position as CEO of TURO Italia.

Mr. Uwe Kopf has been appointed Manager of Egger Mannheim, also with effect from January 1st, 2021.

#### Congratulations

Mr Sacha Weber passed his apprenticeship as a CFC Polymechanic with flying colours (and received a mark of 5, with honours). His personal in-depth work on the subject "My coming to Switzerland" received a mark of 6 and we congratulate him on his excellent results. He has been on a dual training course as a Business Process Technician at Egger since 10 August 2020. We wish him every success for the future.

Mrs Charlotte Nussbaum has successfully passed her CFC and Maturity exams as a commercial employee. We congratulate her and wish her every success in her professional career.

We thank the trainers and all the people who contributed to their success.



30 years - Turo Gold

20 years - Turo Silver

Eduardo Bento Da Silva CH

Jean-Nicolas Favre CH

Roberta Zefferino CH

Guv Coendoz CH

Richard Layes DE

Rosario De Luca CH

Johann Schüpbach CH

Heide Sommer-Horvat AT

25 years - Turo Silver

Joaquim Almeida Da Silva CH

Holger Böcker DE

Alain Duc CH

Alfred Bieri CH Peter Hentschel DE Heike Müller DE





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