

Direct current drive for reliable conveyor technology When a solution has been successfully used in the automotive industry, it also works admirably as conveyor technology. The Swiss company Gilgen Logistics AG, based in Oberwangen, uses Angst+Pfister's direct current motor with worm gearing for its container conveyor system. The solution is appealingly simple.

Experience and expertise – these two words readily come to mind in connection with Gilgen Logistics AG. Quality is also likely to be referred to: “The high standard of quality which our 160 experienced and fully quali-

fied employees offer the customer is something that we expect of our suppliers as well,” says Urs Hauert, a Gilgen Logistics product developer and production technician.

Efficient transport solutions Amongst other products, Gilgen Logistics develops and produces conveyor systems for containers and general cargo, as well as for pallets and roll-boxes. “Intralogistics is particularly dependent on efficient conveyor systems,” Urs Hauert goes on. Wholesale distributors need them



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Urs Hauert, Product Developer, Gilgen Logistics AG, Oberwangen, Switzerland

for their gigantic distribution centers, hospitals for the transport of medicaments, and university libraries for transferring books from the stacks to the point of issue. Post offices and trading companies likewise need smart transport solutions for their intralogistics operations.

The conveyor technology supplied by Gilgen Logistics is based on a modular system. Standardized modules transport, sort, distribute, stack, store and collate the goods being conveyed. This forms a basis for the realisation of individual customer-specific systems.

supply cable and a trigger signal. Christian Mohrenstecher sums up: “So you don't need any additional space in the control cabinet, and very little cabling is required.”

Always the right solution Christian Mohrenstecher is an expert in this field – and this is

just the kind of expertise which adds value for Urs Hauert: “In our development work we need to be able to rely on qualified partners. If we are confronted with a problem, I can talk to Christian Mohrenstecher about it and send him the documents. I know that I can count on him to come up with a suitable solution. And I also

know that Angst+Pfister are going to deliver on schedule.”

This customer confidence is based on the trust that Christian Mohrenstecher has been able to build up over the years. When the technicians at Gilgen Logistics were developing the accumulating roller conveyor and pallet elevator in preparation for the market launch, he responded promptly and gave them the necessary competent support. Consulting and punctuality both form part of the quality standard at Angst+Pfister, enabling customers in their turn to provide the quality results expected of them.

Your contact:
Christian Mohrenstecher
Product Application Engineer
Drive Technology
Angst+Pfister Switzerland
+41 76 444 57 93
christian.mohrenstecher@angst-pfister.com

One drive per module

For the accumulating roller conveyor and pallet elevator modules, Gilgen Logistics opted for Angst+Pfister's direct current drive motor. Each module comes equipped with its own drive. This reduces the accumulated pressure on the individual containers, making conveyance more reliable.

This standard drive unit is regarded in professional circles as highly reliable and at the same time as very cost-effective.

Good quality, good price “The drive is exactly in tune with our requirements,” comments Urs Hauert. And then too, the economic aspect needs to be taken into account. The standard drive is regarded by professionals as being extremely advantageous in terms of costs. No wonder that automotive manufacturers are using it in increasing quantities. The self-locking of the worm gears moreover makes it eminently suitable for use in the lifting module.

Easy to implement Angst+Pfister Application engineer Christian Mohrenstecher, who serves Gilgen Logistics, emphasizes another point: “The electrical controls are easy to commission. The control module, which Gilgen Logistics developed themselves, is mounted on the cover of the gearbox.” So, the controls and the motor come as a single unit. The only thing still needed is a 230 VAC



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Commercial companies make use of the box conveyor systems of Gilgen Logistics, as do hospitals and libraries. When it comes to the drive of the accumulating roller conveyor and pallet elevator modules, Gilgen Logistics relies on Angst+Pfister's direct current gear motor.