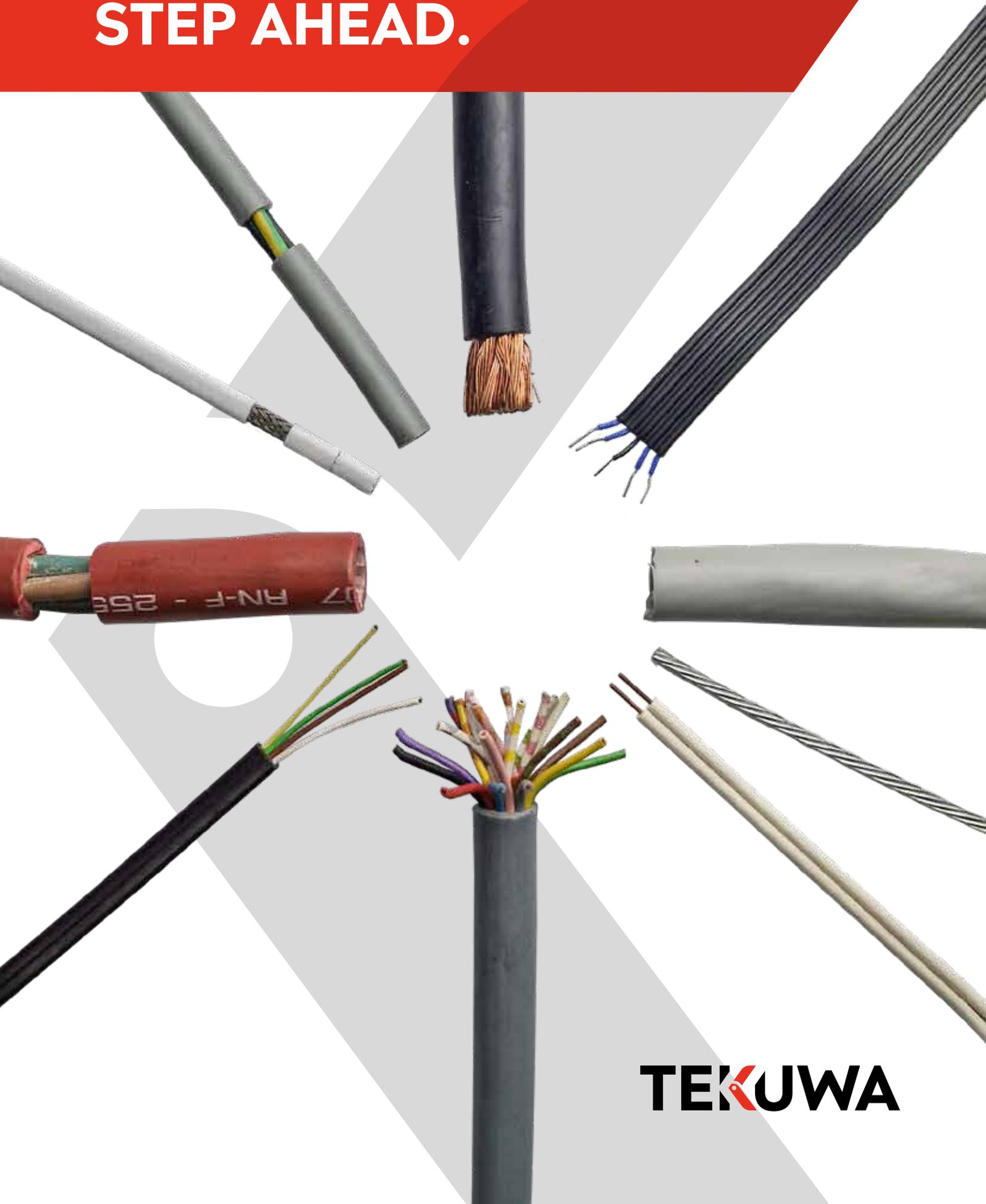


**ALWAYS ONE  
STEP AHEAD.**



**TEKUWA**

# CUT BY CUT TO SUCCESS

## TEKUWA

The family company Tekuwa GmbH has been a manufacturer and developer of precise and innovative manufacturing solutions for the cable processing industry for over 30 years.

We are the right partner if you need an efficient and high quality cutting or combined cutting and stripping machine. Our feeding, unwinding and rewinding machines also enable you to effortlessly install a complete production line.

Our machines process very thin and sophisticated silicone hoses in medical technology as well as strong cables in the automotive or electrical industries.

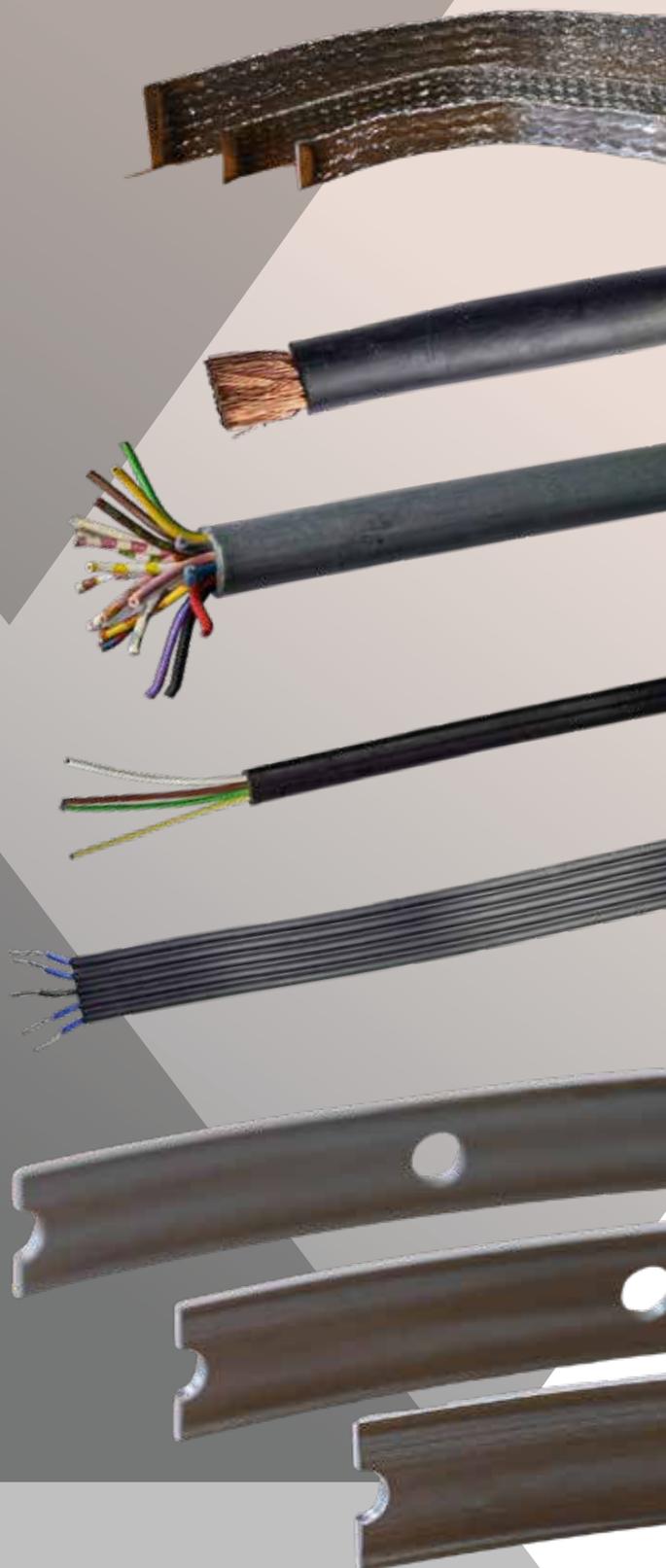
Thanks to our self-developed control system, we are able to equip or repair even older machine generations with the current control generation.

Interested? We look forward to hearing from you!

Your Tekuwa GmbH team



Stefan Wagner  
Managing Director / CEO





# ALWAYS ARE GOOD AT CUTTING: CUTTING MACHINES

Our compact cutting machines have exactly what you need for your production: reliability and effectiveness. For every day. For all tasks.

From sophisticated medical hoses to tough cables for the automotive and electrical industries – thanks to the different machine variants, we are able to produce the right machine for every requirement.

## Master data of our cutting machines

- Material width from 15 – 40 mm
- Material height from 30 – 75 mm
- 750 – 3.000 N cutting force
- Intuitive operation via touchscreen
- Software has item and order processing
- The built-in Micro SD with 4 GB allows you to save up to 10.000 manufacturing programs
- Using the integrated order search function (full-text search), you can quickly find the right one in seconds, even for a large number of different orders
- Optional PC conversion software for automatic conversion of order data (xlsx) and central provision via FTP for one or more Tekuwa cable cutting machines
- As standard, the machine has short-circuit-proof outputs for unwind storage, feeding devices, rewinders and cable dispensers as well as embossing devices and inkjets
- Emergency stop interconnect for the integration into machine lines (wired or wireless)
- AC servo positioning drive
- Material-friendly, double-sided, triple-bearing belt feed with pneumatic lifting and lowering device
- Pneumatically operated cutting unit with cutting and counter knives as well as knife guides made of high-quality HSS tool steel
- Embossing program
- Different types of knives and belt types are optionally available depending on the material

Interested? We look forward to hearing from you!



SC 30



SC 75





**GOOD. BETTER. ELECTRIC:**

## **FULLY ELECTRIC CUTTING MACHINE EC 75**

**E**xperience a new level of convenience in wire processing. Our new-developed **ElectroCut 75** frees you from the pressure of air by using powerful servo drives.

Like all machines, this one also stands for the highest quality and efficiency. It also impresses with its elegance and the fact that no compressed air is required for operation. To summarize our **EC 75** gives you even greater flexibility with regard to the location of the machine and due to the elimination of compressed air significant cost savings and noise reduction.

### **Technical data**

- Intuitive operation via touchscreen
- Software has item and order processing
- The built-in Micro SD with 4 GB allows you to save up to 10.000 manufacturing programs
- Using the integrated order search function (full-text search), you can quickly find the right one in seconds, even for a large number of different orders
- Optional PC conversion software for automatic conversion of order data (xlsx) and central provision via FTP for one or more Tekuwa cable cutting machines
- As standard, the machine has short-circuit-proof outputs for unwind storage, feeding devices, rewinders and cable dispensers as well as embossing devices and inkjets
- Emergency stop interconnect for the integration into machine lines (wired or wireless)
- AC servo positioning drive
- Material-friendly, double-sided, fivefold-bearing belt feed with servo controlled lifting and lowering device
- Servo-mechanical operated cutting unit with cutting and counter knives as well as knife guides made of high-quality HSS tool steel
- Embossing program
- Different types of knives and belt types are optionally available depending on the material

**Interested?** We look forward to hearing from you !



**EC 75**





# NO COAT IS TOO THICK: CUTTING AND STRIPPING MACHINES

Our self-developed cutting and stripping machines are another guarantee for fast, precise and reliable production in the area of stripping and/or cable stripping.

The series **SCM** consists of 30 model variants, which makes it possible to process almost any cable with the greatest precision and effectiveness to your complete satisfaction.

## Technical data

- Intuitive operation via touchscreen
- Software has item and order processing
- The built-in Micro SD with 4 GB allows you to save up to 10.000 manufacturing programs
- Using the integrated order search function (full-text search), you can quickly find the right one in seconds, even for a large number of different orders
- Optional PC conversion software for automatic conversion of order data (xlsx) and central provision via FTP for one or more Tekuwa cable cutting machines
- As standard, the machine has short-circuit-proof outputs for unwind storage, feeding devices, rewinders and cable dispensers as well as embossing devices and inkjets
- Emergency stop interconnect for the integration into machine lines (wired or wireless)
- AC servo positioning drive
- Material-friendly, double-sided, fivefold-bearing belt feed with pneumatic lifting and lowering device
- Pneumatically operated cutting unit with cutting and counter knives as well as knife guides made of high-quality HSS tool steel
- Embossing program
- Different types of knives and belt types are optionally available depending on the material

**Interested?** We look forward to hearing from you !



SCM-1SK



## ...AND IT RUNS: FEEDING

To make the cutting machines as well as the cutting and stripping machines process the materials even more precisely a draft-free feeding is mandatory.

Rely on the **PF 121** and its big brother **PF 250** for any feeding to avoid yourself being stressed.

Therefore our prefeeding devices cover different requirements:

- the **PF 121** is suitable for lightweight materials which have to be fed at high speed
- the **PF 250** for heavy materials that require high pull-off forces

The machines are characterized by a robust construction, the simple structure and the flexible equipment options.

### Technical data:

- Basic speed adjustable via potentiometer
- Maximum speed freely programmable
- Acceleration and braking ramps freely programmable
- Start-stop operation via external machine signal
- Release signal from and to other machine
- Short-circuit-proof motor control
- Analogue input for light barrier control

**Interested?** We look forward to hearing from you!



PF 121



PF 250





## GET ROLLING: UNWINDING

A feeding machine is not enough? For some processes and materials it isn't possible to pull them off from a drum with a feeding machine.

Regardless of whether it should be a passive or an active roll-off solution, Our unwinders cover a wide range of applications for coreless material wrapping up to 800 kg drums reliably and individually.

Choose the machine that suits your needs and benefit regarding to your production processes from the reliability and efficiency.

### Technical data

- Dancer control with safety shutdown in the event of a cable jam
- Basic speed adjustable via potentiometer
- maximum speed freely programmable
- Acceleration and braking ramps freely programmable
- Accident protection through torque limitation, electrically programmable, mechanically adjustable
- Start-stop operation via external machine signal
- Release signal from and to other machine
- Short-circuit-proof motor control
- Analogue input for light barrier control

**Interested?** We look forward to hearing from you!



PFA 120



TR 600





## ALWAYS HAVE THE RIGHT TWIST: WINDING

Our winding devices are another must-have in the area of cable processing.

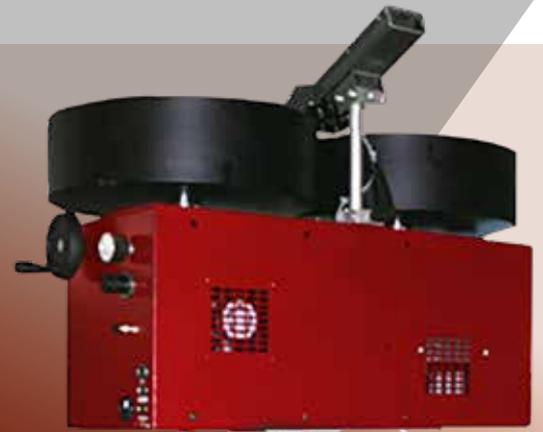
Even after the machine has finished processing, it is important to wind the materials reliably to ensure more efficient post processes. Our space-saving and reliable winding devices are used here, which, like all accessory machines, can be easily coupled to the machine (but other brands as well).

If required we can equip your next winding solution with a laying unit, that ensures your product being wound layer by layer.

### Technical data:

- Basic speed adjustable by rotary knob
- Maximum speed is adjustable by parameter
- Acceleration and deceleration are adjustable by parameters
- Prevent accidents by mechanical adjustable torque limitation
- Start-Stop operation by external contacts
- Bi-directional release signal for integration into machine lines
- Motor protection

**Interested ?** We look forward to hearing from you !



AW2T



PFA 120





## WELL LAID IS HALF THE BATTLE: STACKER

Are you looking for a way to store cut materials in bundles? Then our stacker series with up to 12 meters (special length) is the right partner for you! Our stackers complete your production line and can even be controlled autonomously by our cutting machines if required.

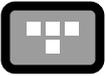
### Technical data:

- Intuitive operation via touchscreen
- Software has article and order processing
- The built-in Micro-SD with 4GB allows you to store up to 10.000 production programs
- The integrated order search function (full-text search) allows you to find the right order in a matter of seconds, even if you have a large number of different orders.
- Processes diameter  $\varnothing$  0,5 –  $\varnothing$  20mm
- Microprocessor controlled
- Emergency stop chain for integration into machine lines (wired or wireless)
- bi-directional release signal for integration into a machine line
- motor stop synchronization
- Process monitoring
- short-circuit proof motor control
- Aluminium frame, sturdy trays and covers made of sheet metal, powder-coated

**Interested?** We look forward to hearing from you!



Aktiver Stapler



# EVERYTHING UNDER CONTROL: CANHOST 16

Since the beginning in the early 90's, Tekuwa GmbH develops own plc systems to ensure the longest long-term availability. After 20 years of success, it's time to retire the CANhost7 to experience a higher level of user experience and performance: **the CanHost16.**

The newly developed plc attracts you not only by its performance but also by new features:

- **Well-structured operation page**

Thanks to the graphic representation of the machine layout, every operator can quickly find his way around. The given parameters are grouped to by the machine functions for an easy and quick understanding.

Fading in and out the parameters and controls by clicking on the desired machine function inside the graphic representation of the machine, the users is provided with a clean overview.

The most important parameters are grouped to the corresponding machine functions and their controls.

- **Comfortable job manager**

With the newly designed job manager, it is possible to keep track of even long order lists with up to 100 individual items.

The processing of each job items can be switched between automatic consecutive or manual selection.

- You can achieve a high level of standardization by separating the production-relevant parameters into three groups:

- **Job data**
- **Production programs**

The production programs contain all parameters which are relevant for optimizing the production for each material type.

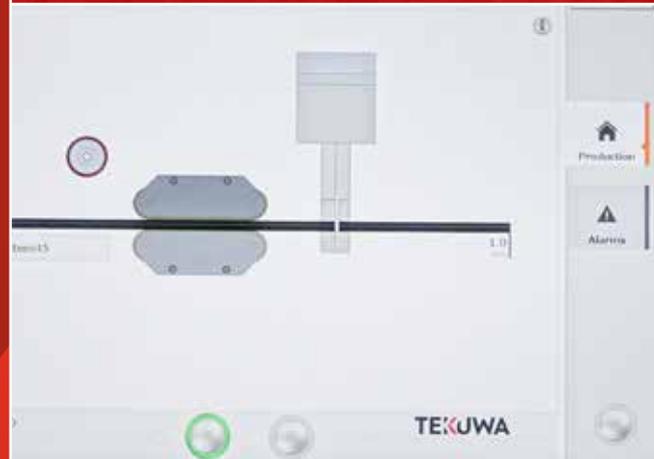
These programs are created once and can be assigned individually to the job items by using the job manager.

- **Material data**

The material data can be used to collect data about material consumption.

- Password protection for the access to the machine and configuration setups (basic settings of the machine)
- PC-aided job data creation and FTP based transmission

**Did you know:** The new control. can be used as a 1:1 replacement for the tekuya machines that are equipped with a CanHost7



# FLEXIBLE, SIMPLE, RELIABLE: SMARTWRITER

With the introduction of the **CanHost16**, a comfortable way of job data creation by PC is supported.

The **SmartWriter** developed by Tekuwa GmbH is the link between data sources such as EPLAN or SAP and the machine software TMC.

**Flexible** assignment of XLSX-Data to the individual machine parameters by usage of a example definition.

**Simple** – no matter if automatic or manually by pressing a button – new data in a folder monitored by the Smart-Writer is automatically recognized and converted into machine format.

The ability to start the SmartWriter in silent mode using a batch call makes it possible to create a fully automatic workflow in conjunction with, for example, EPLAN or SAP.

**Reliable** – that's how job data is shared with individual machine or whole groups of machines.

The assignment to a machine group is defined by you by selection of the target FTP server.

**Go ahead and invest in a future proven solution developed by Tekuwa and enjoy the advantages.**



# PERFECTLY TAILORED TO YOUR PRODUCTION. START NOW!

From start to finish. With our machines you can fully process your material in combination with slim design and the highest quality.

We are also happy to accompany you on your way to a production line right from the start.

We look forward to hearing from you!

## Your **TEKUWA** team

### **TEKUWA GmbH**

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(CEO)

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