



## NEWS RELEASE

[Witt-NR-05-2016\_FEEDMAX-basic-FEEDMAX-plus-TEACHBOX-plus]

July 25<sup>th</sup>, 2016

## WITTMANN presents new solutions for material conveying systems

WITTMANN presents two new material loaders that combine the advantages of single loaders and central conveying units. Using the new **TEACHBOX basic**, an entire material conveying system can be controlled very easily.

### **FEEDMAX basic and FEEDMAX plus material loaders**

The updated version of the WITTMANN central loader with discharge shut-off valve is known as **FEEDMAX basic**. Key features are the easy cleaning due to the fact that the vacuum connection is separate from the canted lid, as well as the ability to set the desired conveying time easily via potentiometer. The **FEEDMAX basic** has a capacity of up to 6 l. In combination with high-capacity blowers, the loader manages high material throughputs and longer conveying distances. Thus, the **FEEDMAX basic** is well suited for use in workcells or when drying hoppers have to be filled with a volume of up to 150 l from a long distance.



**FEEDMAX basic (left) and FEEDMAX plus**

The “big brother” of the **FEEDMAX basic** is an advanced version of the WITTMANN central material loader with a shut-off valve, and is called **FEEDMAX plus**. It has a capacity of up to 80 l. It is also equipped with potentiometer setting, and it differs from

the **FEEDMAX basic** in terms of its material discharge. It can be used at the machine inlet when high material throughputs have to be handled.

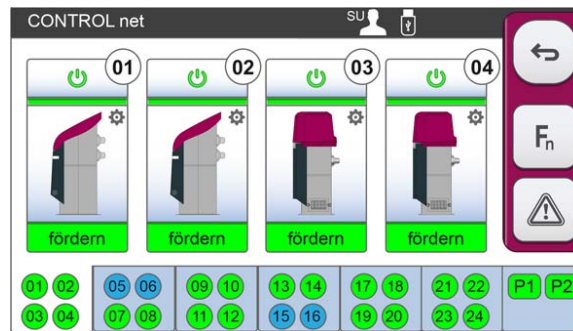
Both units are equipped with the **ambiLED** status display, which makes it easy for the operator to quickly determine the condition of the conveying unit. Both loader models also meet the high WITTMANN quality standards. All loader parts that are in contact with the material are made of stainless steel. The flap lids have an integrated filter screen. The material inlets are made of cast stainless steel with considerable wall thickness, thus guaranteeing more safety.

### **New concept for conveying systems: net5 system – TEACHBOX basic**



**TEACHBOX basic**

The **TEACHBOX basic** forms the centerpiece of the new so-called **net5 system** from WITTMANN. It offers the possibility of controlling up to 24 devices overall (no matter whether these are **FEEDMAX basic** or **FEEDMAX plus** loaders in individual cases). The **TEACHBOX basic** can also control up to two vacuum circuits and up to four drying systems of the **ATON plus** series. Beyond that, the control of filter stations and suction valves is also possible. Linked units are identified automatically. These units are displayed on a high-res 4.7" touch-screen: for simple operator guidance and process parameter display. Settings for conveying, vacuum, and dryer can be easily changed (depending of the preset user rights). The **TEACHBOX basic** can be disconnected even when the system is operational. As an alternative to using it for controlling a conveying system, it can be used for two independently operating vacuum circuits. When a conveying system needs to be operated from several points, an additional **TEACHBOX basic** can be used – integrated at any point of the system.



Visualization of material loaders on the TEACHBOX basic screen

Markus Wolfram, WITTMANN Sales Manager of the Bulk Materials Department in Wolkersdorf near Vienna, says that “the industry trend continues to move towards central vacuum conveying systems. The WITTMANN **TEACHBOX basic** greatly simplifies this process. It can control the combination of a central system and also various single conveying units without any difficulty. All the material loaders that are equipped with the **ambiLED** function can be used with the **net5 system**, and can be combined in any order. The graphical user interface of the **TEACHBOX basic** allows for a centralized modification of conveying times, and for the activation and deactivation of all devices. When many conveying units are present, this can often lead to confusion and error. Here, however, the **ambiLED** status display automatically corrects the material loaders and the status display reacts immediately when settings are modified.”

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The WITTMANN Group is a worldwide leader in the manufacturing of injection molding machines, robots and peripheral equipment for the plastics industry. Headquartered in Vienna/Austria, the WITTMANN Group consists of two main divisions, WITTMANN BATTENFELD and WITTMANN, which operate 9 production facilities in 6 countries, including 30 direct subsidiary offices located in all major plastics markets around the world.

WITTMANN BATTENFELD focuses on the independent market growth in the manufacturing of state-of-the-art injection molding machines and process technology, providing a modern and comprehensive range of machinery in a modular design that meets the actual and future requirements of the plastic injection molding market.

WITTMANN’s product range includes robots and automation systems, material handling systems, dryers, gravimetric and volumetric blenders, granulators, mold temperature controllers and chillers. With this comprehensive range of peripheral equipment, WITTMANN can provide plastics processors with solutions that cover all production requirements, ranging from autonomous work cells to integrated plant-wide systems.

The syndication of the WITTMANN Group has led to connectivity between all product lines, providing the advantage plastics processors have been looking for in terms of a seamless integration of injection molding machines, automation and auxiliary equipment – all occurring at a progressive rate.

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**Düsseldorf – October 19<sup>th</sup>–26<sup>th</sup>, 2016**  
**WITTMANN at K Show: hall 10, booth A04**