



CONDIBOX

DUPLEX/ TRIPLEX

Premium
Conditioners
and Heat-
Setting
Machines.
Made in Ger-
many.

DOUBLE AND TRIPLE LOAD WITH ONE DOOR

NEW DESIGNS FOR NEW LOADS

CONDIBOX design allows new approaches in dimensions of conditioning machines. Due to the larger width up to 5.000 mm, CONDIBOX DUPLEX and TRIPLEX allow to load pin trucks or pallet directly into the machines without the need of platforms.

Since we invented the vacuum conditioning, the cylindrical vessel body has been a limiting element to improve the load of the machines. Either using platform or not, there were limited sizes of pallets and pin trucks to be fed into the cylinders.

With the new CONDIBOX DUPLEX and TRIPLEX machines, double and triple loads are possible, thus enabling completely different machines and handling as before.

DUPLEX AND TRIPLEX DESIGN

The rectangular design of CONDIBOX allows various rows of pin trucks or pallets side by side. This allows new layout possibilities, including loading and unloading with 2 doors TUNNEL machines.

The design solutions permit fast direct loading and unloading without the need of platforms or other elements used in small cylindrical machines.

SAVING CUSTOMERS MONEY

CONDIBOX machines need approx. 40% less space and volume when compared to cylindrical machines of same capacity.

Therefore, there is a significant saving in vacuum time, heating energy and process time as well as space utilization.



HIGH TEMPERATURE AND BLUE LINE



CONDIBOX Blue Line



CONDIBOX TRIPLEX

TRIPLEX machines are designed with a wide body to allow direct and fast front load of trucks and pallets.

CONDIBOX HIGH TEMPERATURE

For heat-setting purposes, DUPLEX machines can be optionally equipped with reinforced doors to withstand the pressure. The highest possible temperature is 110,0°C (0,5 bar overpressure) in the HT version.

CONDIBOX DUPLEX FIT

DUPLEX FIT machines are especially developed "FIT TO RUN", designed in standard formats:

- DUPLEX 600
- DUPLEX 800
- DUPLEX 1000
- DUPLEX 1200
- DUPLEX 1500
- DUPLEX 1800

They do not need any complicated assembly. After connection of water, compressed air and electricity they can start rapidly to produce.

Blue Line machines add economy of cost to environmental protection. Optionally, DUPLEX FIT can also be equipped with these following items:

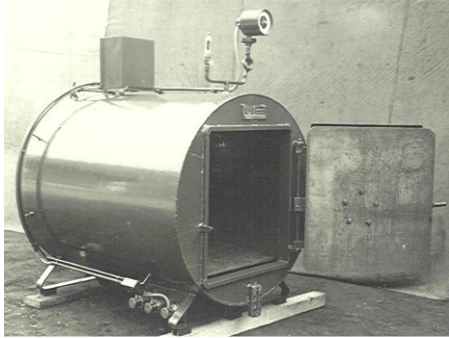
WATERFREE pumps avoid massive use of cooling water for the suction of vacuum. There are two types of pumps available: oil and air cooled.

CASCADE is the new energy consumption management system. Equipped with a pre-heater, the total energy demand is reduced by 25 - 30 %. Consequently, the installation cost is reduced as the plant needs only to provide 50% of installed KVA.

BLUE LINE is optional and these **TOP OF LINE** machines are characterized by having the **BLUE DOOR DESIGN**.



OUR PROFILE



1856: FIRST IN BUSINESS

WELKER was founded in 1856 by Philip Welker, and is therefore, one of the most traditional suppliers for the Textile Industry. In the early 40's, WELKER started with the manufacturing of felt washing machines, paper processing machine lines with roller fulling and hammer die cutting machines.

In 1941 and the first generation of vacuum steaming equipment was developed and successfully introduced to the market. WELKER systems are installed world wide and are applied in all areas of heat-setting, conditioning and drying.



WELKER IN THE WORLD

With more than 1900 machines installed over the world and agents in all textile markets we provide project sales, installation and services to all textile customers in all markets.



CONDIBOX

Leading product for conditioning and heat-setting up to 105°C.

Unique technology with PREVAP and COOLVAP to achieve moisturisation up to +3%.



CONDIBOX GFY

Leading product for conditioning and drying of GFY.



VAPOMAT

Leading product for conditioning and heat-setting with temperatures up to 180°C in large scale.



PICCOLO

Leading product for conditioning and heat-setting with temperatures up to 180°C for 100, 200 and 300 kg batches in standard trolleys.



ROVEMASTER RM 8

With 8 rolling heads the new RM 8 is the leading roving bobbin cleaner in the market. The fibres are entirely opened and disposed in a transport truck.