

OBISTACK 420



OLMA
Laundry Equipment

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OBISTACK 420

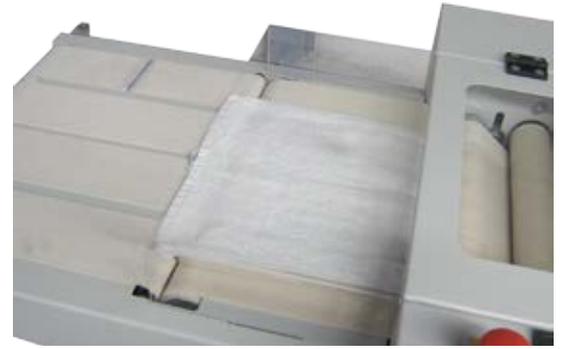
The OBISTACK 420 is able to process either small fully dried or ironed pieces like face-towels, tea towels, terry towels, various restaurant items and other flat pieces with maximum dimensions 450 x 400mm. Larger dimensions on request.

The OBISTACK 420 can be used as stand-alone unit or put behind the ironer/sheet folder for final processing of small pieces.

The OBISTACK 420 counts, positions and stacks various pieces. A bundling unit is included, however if an alternative kind of packing is required, the bundling unit can be removed.

The OBISTACK 420 can also make a single-fold. In each program this folding option can be activated or de-activated.





HOW TO FEED THE VARIOUS PIECES?

If the machine is used as stand-alone unit, a certain amount of pieces are brought onto the table. An operator slides the pieces sideways onto a low speed conveyor belt. It is also possible to rotate the table and feed them from the front if required. Feeding from the side in this manner coupled with the machine's positioning system, enables high-capacity production as no attention or time has to be wasted centralising each piece on the feeding conveyor as is the

case with other manufacturers. The **OBISTACK 420** is consequently a much more productive machine by comparison.

If the machine is used behind an ironer, the pieces are taken over from the ironer/folder by the intake conveyor. This speed of the conveyor can automatically be adjusted by 0-10V signal.

On request, machine can be put on wheels so it can be moved to the ironer/folder manually.



HOW DOES THE PROCESS WORK?

The pieces are fed onto an intake belt. And are then pressed between two conveyors. If folding is activated, it is made before entering the positioning section.

The positioning system positions each piece in both directions and drops them perfectly on top of each other. Positioning is carried out by means of high-speed slides.

After being positioned the pieces are stacked on top of each other. When the preset stack height

is reached, the pile is discharged towards the bundling unit. This bundling unit can be removed if bundling is not required.

The (bundled) pile is finally put on the final delivery belt. This belt can be put in 3 different directions, so always fits in any existing laundry. As the speed of the final belt is adjustable, it is easy to synchronise with any external packing machine.





TYPICAL CHARACTERISTICS

The **OBISTACK 420** is designed to incorporate an automatic bundling unit. Each pile is bundled centrally with an elastic strap. This strap is easy to remove without the use of scissors. The machine generates an alarm once the supply roller with elastic strapping is empty.

The **OBISTACK 420** is very compact, especially in width direction. Therefore it is possible to put multiple units next to each other.

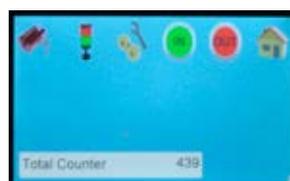
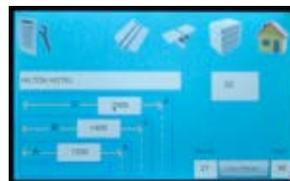
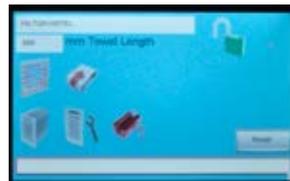
The **OBISTACK 420** provides full access for service purposes.

The unique design of the **OBISTACK 420** allows a continuous high production capacity. Along with the possibility to slide the pieces from a feeding table into the machine, the **OBISTACK 420** is the most productive machine in its kind.

CONTROL SYSTEM

The **OBISTACK 420** has a PLC based control system and colour touchscreen.

- ✓ Creating or changing a folding program is very simple, due to operator friendly layout and simple menu setting.
- ✓ Data can be backed-up via USB flash.
- ✓ System diagnosis for easy problem solving.
- ✓ Ethernet capability (optional).



TECHNICAL SPECIFICATIONS

Maximum piece dimensions: 450x400mm
(larger dimensions on request)

Max. production capacity: 3000 pcs/hr

Air pressure: 7 bar

Air connection: ≥ 10mm

Air consumption: 10 m³/hr

Power supply: 220V, 50 Hz

Power consumption: 1 kWh

Machine length (excl./incl. table):
2544 / 3742mm

Machine width: 1096mm

Machine height: 1175mm

Machine length and width excluding final belt.