Zoom | 2 | 3 | 4 | 5 | 6 | 7 |

Machine is intended for semi-automatic packing of different items in a polypropylene film. In factory it is tuned up for semi-automatic packing of DigiPack 7 mm discs. If you want to pack other items on this machine in semi-automatic mode then you will have to install other replaceable module for required item and install film of other width.

With an installed DigiPack replaceable module you can pack on this machine other items in manual mode, such as

- DVD "Amarey": slim 7.5 mm, slim 9 mm, 15 mm
- DVD "Super Jewel" 10 mm
- BD (BluRay)
- double CD
- soap, tea, cigarettes, etc.

Separate digital control and temperature indication for two thermo electric heaters, adjustment of cutting wire heating duration, an automatic maintenance of temperature in prescribed limits, indication of machine heating, general and twenty-four-hour counter of packed items, microprocessor control.

Operator's duty is only a primary splicing. Then operator puts an item to a transporter and presses a micro switch. Carriage pushes an item along guiding rails, along shaping side units, along hot thermo electric heaters and ejects it behind the machine, completely packed. Shaping of side flaps was fulfilled automatically. Simultaneously operator can conduct the next primary splicing. This mode when the carriage moves up to the end of tunnel, provides up to 400 packs per hour and is called full pass of carriage.

To increase productivity up to 600 packs per hour one need to use short pass of carriage. In this case the item to be packed is pushed by the carriage about 1/3 of the tunnel length then carriage returns to the beginning position. Then operator puts next item in transporter. The carriage again pushes the item 1/3 of the tunnel length. In such a way the last article starts to push the previous one. Then operator repeats this action with the next article. So all boxes are collected in a queue. In case of need in any step you can press emergency button and carriage will go full tunnel length and push all boxes out.

Machine's capabilities and operator's qualification allows to get a high quality of the packed box. The DVD containing video film with instruction on operation is applied to the machine.

PA-500BD has no thermo shrink but provides a high quality of packing. In this case the thermo shrink

will only worsen an appearance of box because the temperature is so high that it will cause a wrinkling of polyethylene on BD case together with polypropylene shrink.

Having installed on machine a tear tape adapter (which is sold separately) you can pack articles with tear tape. The tear tape is unwound simultaneously with polypropylene film and automatically sticks to it. So, use of this option does not draw operator's attention away from process and does not complicate his operation.

Engineering data

Productivity in a semiautomatic mode	up to 600 packs per hour
Productivity in a manual mode	up to 200 packs per hour
Envelope shaping	semiautomatic / manual
Film cutting-off	automatic
Temperature range	30…220 ^{0}C
Temperature range	± 2 ^{0}C
Thermo electric heater and wire electric power supply	18…24 Volts
Film type	biaxial oriented polypropylene
Film thickness	20…35 micrometers
Width of roll for CD 7 mm	135-140 mm
Maximal width of roll	235 mm
Maximal roll diameter	370 mm
Internal roll diameter	76 mm
Thermo shrink	no
Mode of operation	twenty-four-hour
Type of packing	envelope
Dimension, L * W * H	695 * 310 * 285 mm
Dimension in package	720 * 300 * 270 mm
Weight netto/brutto	26 / 27 kg
Power consumption	140 Watts
Maximal consumption current	1.01 A