

PRODUCT RANGE

Sewing units for piped pockets Series 745



745-34S



745-34A



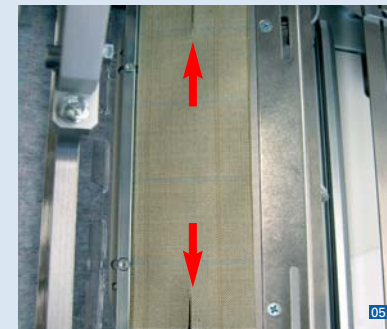
745-34B



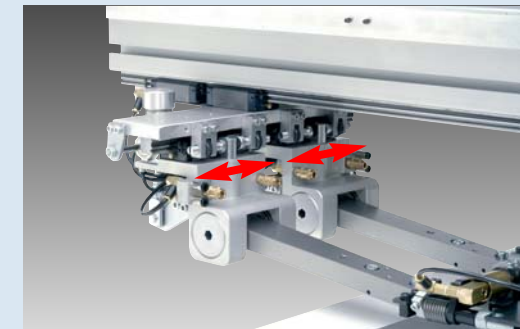
745-34D



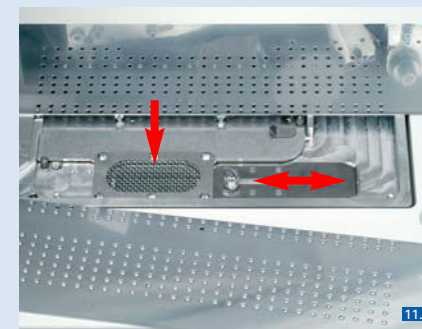
745-34F



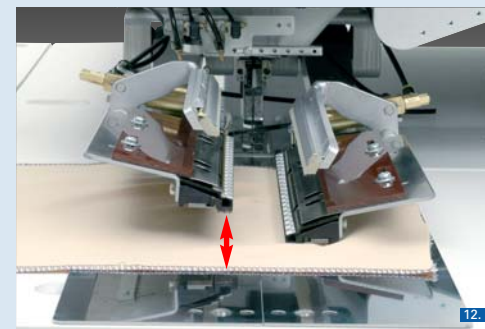
Automatic incision of the piping ends (step motor-controlled) • For cutting open the piping strip ends from the center knife incision to the piping ends. The cutting depths can be programmed. To save time the incision is done from the rest table during the piping reception.



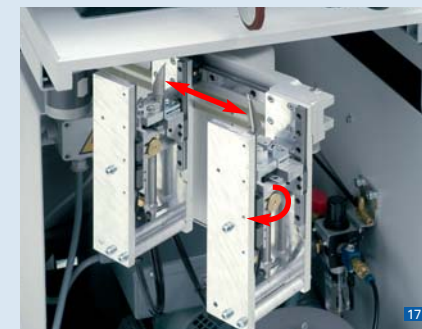
Quick clamp adjustment (left and right) • Programmable quick clamp adjustment for easy change from double-piped to single-piped pockets. Standard with the classes 745-34A/B/D/F.



Suction device • Suction device for easy positioning of the workpiece; prepared to be connected to the central vacuum unit or to a vacuum blower (optional equipment); the vacuum performance is adjustable by the slider.



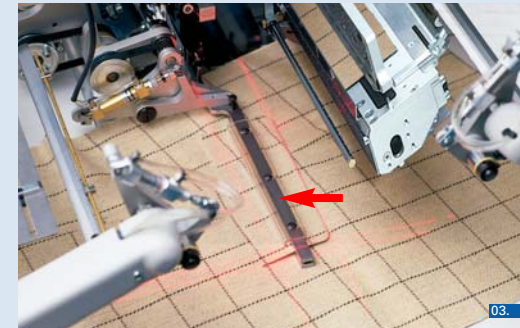
Separate lowering of the feeding clamps • The feeding clamps can be separately lowered for smoothing the fabric (programmable).



Manual corner incision device • The corners are automatically incised as per the programmed pocket length. In case of a programmed seam offset the corner knives can be adjusted manually. The incision angle can individually be adjusted mechanically.



Fully automatic corner incision device • Corner incision device with automatic flap slant recognition via two photocells. All functions of the seam offset including the corner incisions are effected automatically. In case of a programmed seam offset the corner knives are automatically adjusted via step motors. The incision angle can individually be adjusted mechanically.



Class 745-34F • Matching and feeding device for flaps • Free view of the working area for the precise positioning of patterned fabrics. Previous marking of the flaps is not required.



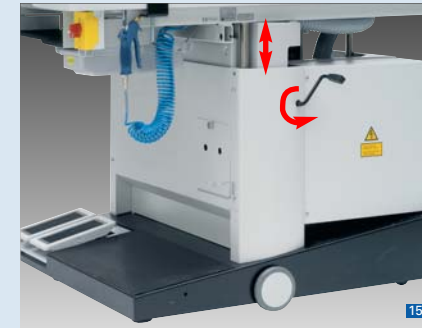
Class 745-34D • Matching and feeding device for breast welts and pocket bags • Free view of the working area for the precise positioning of chequered and striped breast welts. Previous marking of the breast welts is not required.



Control panel with coloured graphic display • Large coloured graphic display with individually adaptable user interface, with symbols and explaining texts; 99 sewing programs and 20 sequences can be memorized; up to 8 programs can be stored in one sequence.



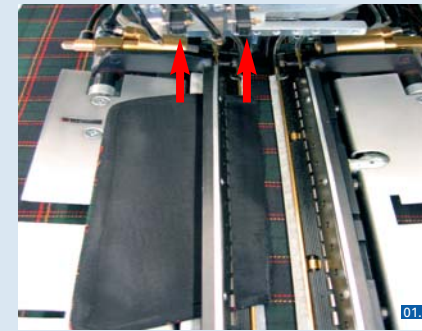
Control panel with 8-digit LED display • Control panel for programming of 9 different pocket programs and 1 sequence; up to 7 programs can be stored in this sequence.



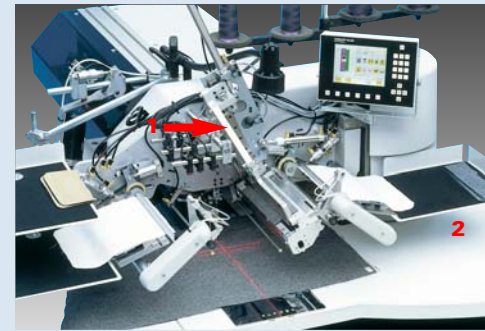
Ergonomic stand with transport rollers • The operator can steplessly adjust the height of the stand by hand crank (classes 745-34A/B/D/F).



Mechanically adjustable corner knife station • Corner knife station for straight pocket openings with easily adjustable corner incision system; the incision angle can individually be adjusted mechanically; the corner knife station can be swivelled out for adjustment purposes (class 745-34S).



Automatic flap slant recognition • The double photocell scans slanted flaps. The offset seam as well as the corner knife incision are adapted automatically. Only in conjunction with fully automatic corner incision device (0745 337534).



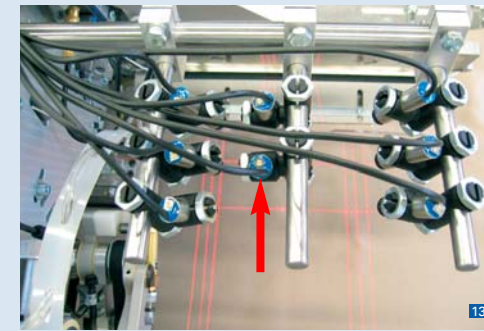
Automatic feeding of piping and flap • and/or other additional parts on the left and on the right for a fully overlapped working method. Example: Class 745-34B



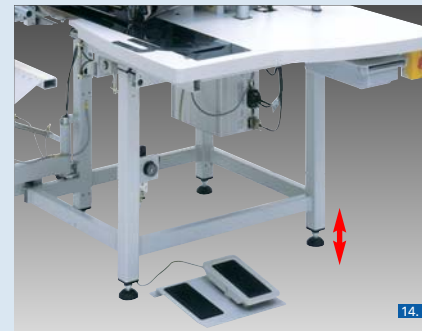
Large hook • Vertical hook for large bobbin capacity.



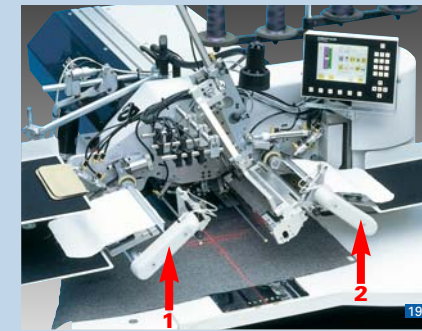
External bobbin winder • Separately driven bobbin winder for rapid colour change.



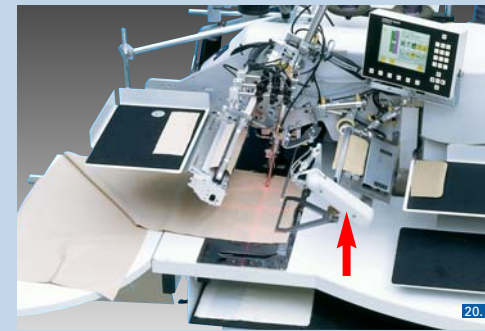
Programmable laser positioning aids • The laser marking lamps allow a quick and precise positioning of the workpiece; up to 8 programmable laser marking lamps can be connected (classes 745-34A/B/D/F).



Ergonomic stand, steplessly height-adjustable • The stand can be adapted to the working height of the operator by turnable feet (class 745-34S).



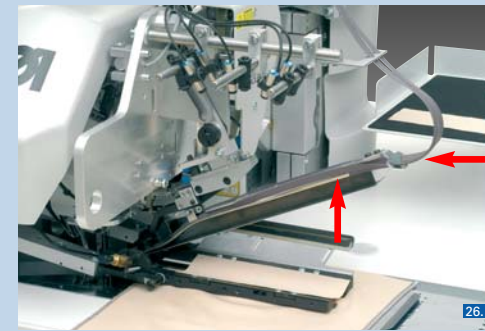
Automatic loading device for e.g. flaps, pocket bags from the left (1) and from the right (2) • Example: Class 745-34B (production of men's jackets) for pocket length 180 and 220 mm, with blowing device for flat feeding of additional parts.



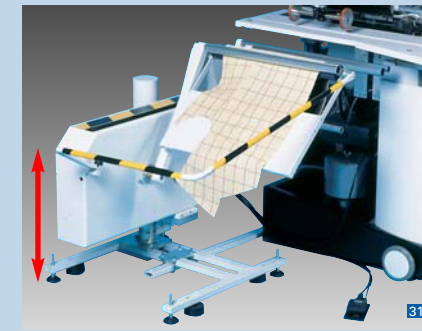
Automatic loading device for e.g. flaps, pocket bags from the right • Example: Class 745-34B (trousers production) for pocket length 180 and 220 mm, with blowing device for flat feeding of additional parts.



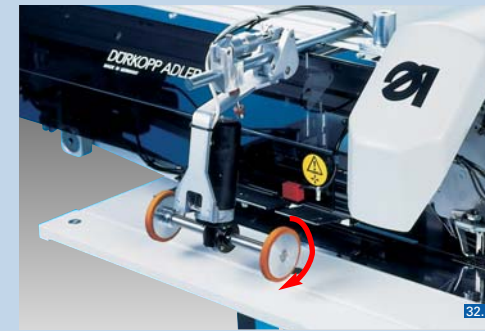
Device for endless zippers • Includes zipper scissors with unwinding device for displacement-free attaching of endless zippers without slider. Optionally one zipper feeder (0793 026561 or 0793 026021) has to be ordered. The device is to be used in conjunction with E2607 (for other equipment on enquiry).



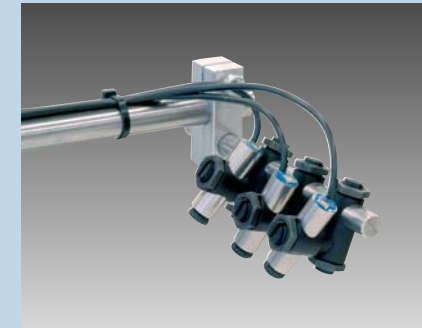
Zipper feeder for endless zippers without slider • In conjunction with device 0745 597544 and folder S100 (0793 026503). This working method allows to add pocket bag halves as well. Note: When ordering please enclose zipper samples for adaptation of the feeder.



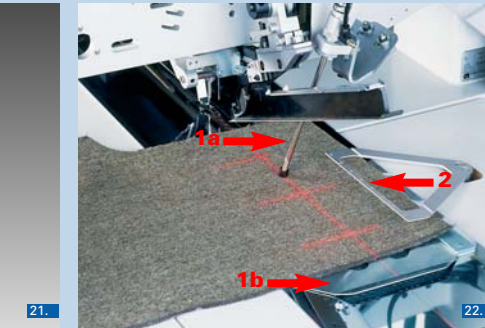
Flip stacker • The stacker can be fitted at the side of the sewing unit. The stacker can be swung out and it is easily height-adjustable. Note: For stacking "at the side" an additional table extension (small) 0745 597584 is required.



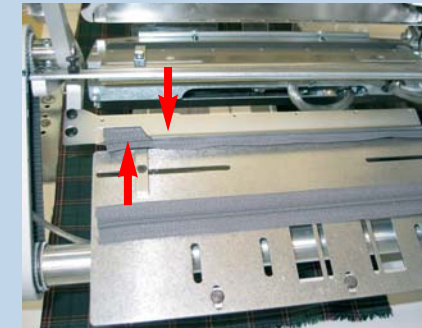
Roll-off device, electronically adjustable • To be used as stacking device (e.g. for trousers parts) in conjunction with 0745 597694 (bundle clamp) or for unrolling of short parts in conjunction with 0745 597554 (flip stacker).



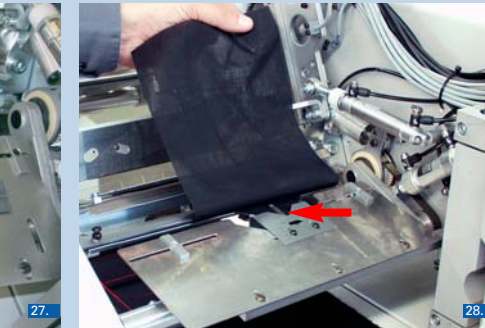
3 laser marking lamps (optional equipment) • Positioning aid in addition to the 5 laser marking lamps already belongs to the standard delivery (classes 745-34A/B/D).



Downholder (1a), pocket bag clamp (1b) and waistband clamp (2) • Positioning aid for hind trousers for smoothing the fullness in the pocket area and clamp for holding the pocket bag positioned below. For the best possible use the waistband clamp (2) can additionally be ordered to improve smoothing of the fullness.



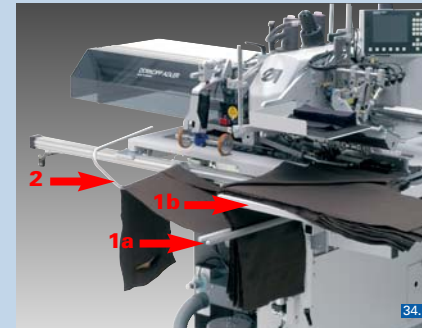
Zipper feeder (right) in conjunction with loading device 0745 517574 • Endless zippers cut to length, without slider; total width 24 mm; chain width 4 mm. Example: in case of ready-made pocket chain underneath. According to the application for the processing method a total of 4 zipper feeders is available; chain underneath or on top; feed from the left or from the right.



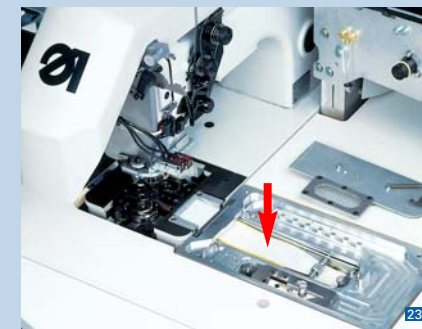
Shaped guide for buttonhole flaps • For inside pockets with lining flap triangle (90°), only in combination with a loading device. The shaped guide for buttonhole flaps will be exchanged with the rest table.



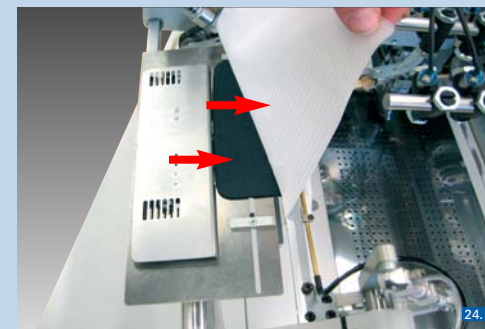
Blowing device • For blowing out the sewn trousers parts.



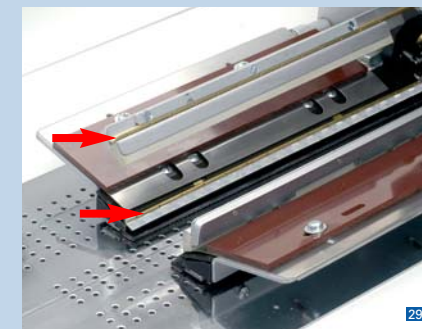
Bundle clamp (1a) including rest table (1b) and smoothing device (2) for trousers parts • Bundle clamp including rest table (table extension, large 0745 597674); additionally required: roll-off device 0745 597594 or blowing device 0745 597604. For a neat bundle arrangement after sewing the smoothing device 0745 597824 is recommended; additionally required: roll-off device 0745 597594.



Automatic tape feeder and cutter (step motor-controlled) • For up to 50 mm wide reinforcement strips; with tape roll holder, tape puller and automatic tape monitoring. The tape offset at the seam beginning and seam end is individually programmable in the pocket program.



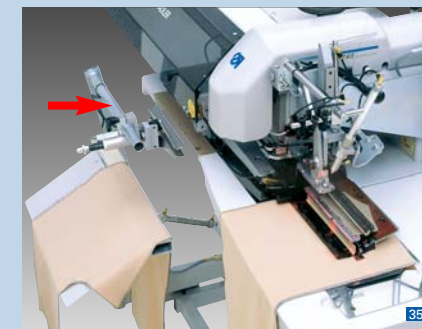
Set of parts "Pocket bag on flap" • For the simultaneous attaching of two pocket bag halves and the flap in one operation. Through this, considerable increase in productivity will be achieved in the manufacturing of men's jackets (only in conjunction with the equipments E03103, E03503, E03107 or E03507).



Set of parts for extra wide piping strips in the production of trousers • Blowing device to set upright extra wide piping strips on the left (up to 40 mm); only in conjunction with clamps K19 and equipments E2604 and E2608.



Clamp, right • For additional parts, as e.g. flaps. The example shows the r/h clamp for flaps in the production of trousers. Note: The clamp is already a component of some of the equipments!



Universal stacking device with tray (grip stacker) • For stacking the sewn parts (e.g. trousers parts).



Vacuum blower • For the suction device part of the basic sewing unit, if no central vacuum supply is available. Note: The classes 745-34A/B/D/F are already prepared for the connection of this vacuum blower.

PRODUCT RANGE
Sewing units for piped pockets Series 745

Inform yourself about the highly differentiable Dürkopp Adler sewing units for piped pockets of the series 745. The five subclasses - from the simplest to the most sophisticated version for highest demands - are suitable for all kinds of pockets and processing methods.

In the respective production segments (trousers, jackets, lining, ladies' wear and special applications) you will find details concerning the essential technical differences and fields of application. We inform you about the basic equipment, optional equipment, feeding devices, positioning aids, special applications and stacking facilities.

The Dürkopp Adler specialists will be pleased to advise you on the selection of the optimum machines for your production and applications.

745-34S Speedpocket – quick and easy

for rectangular piped pockets with manual feeding of piping strips, flaps and additional parts.

745-34A The universal one - unbeatable in flexibility

for rectangular and slanted piped pockets, flap pockets and welt pockets with manual feeding of piping strips, flaps and additional parts; optionally with fully automatic flap slant recognition and automatic corner knife adjustment; optionally with automatic zipper feeder (endless zipper) and stacking facilities.

745-34B The efficient one - fully overlapped working method

for rectangular and slanted piped pockets, flap pockets and welt pockets with automatic feeding of piping strips; optionally with fully automatic flap slant recognition and automatic corner knife adjustment; optionally with automatic feeding of additional parts; optionally with automatic incision of the piping ends.

745-34D The special one - for the breast welt

for rectangular or slanted breast welt pockets with feeding and matching device for chequered or striped breast welts. Optionally with automatic adjustment of the corner knives as to the breast welt angles.

745-34F The convenient one - for the production of jackets

for rectangular and slanted piped pockets, flap pockets and breast welt pockets with feeding and matching device for chequered or striped flaps; automatic feeding of piping strips and additional parts; with fully automatic flap slant recognition and automatic corner knife adjustment; optionally with automatic incision of the piping ends.

Basic sewing units

Technical features

Max. speed [mm ⁻¹]	3.000
Programmable stitch length [mm]	2,0 – 3,0
Stitch lengths [mm], dependant on the sewing equipment	20 – 200 (with flap max. 180 mm)
Needle distances [mm]	10 – 12**
Large vertical hook	●
Light barrier for flap scanning	●
Needle thread monitor	●
Separately driven center knife	●
Separate lowering of the feeding clamps	●
Programmable seam securing: condensed stitches and seam backtacking	●
External bobbin winder	●
DC direct drive	●
Nominal voltage: 3x400 V, 50 Hz, 3x230 V, 50/60 Hz (convertible)	●
Nominal voltage: 1x190-240 V, 50/60 Hz	●
Disconnectable needle bars (slanted pockets)	●
Suction device for vacuum unit or vacuum blower	●
Quick clamp adjustment	●
Sewing lamp	●
Trays for pipings, flaps and pocket bags	●
Bobbin thread monitor	●
Bobbin thread counter	●
Control panel with coloured graphic display	●
Control panel with 8-digit LED display	●
Sewing programs (memorized)	9
5 programmable laser positioning aids	●
3 laser positioning aids	●
8 programmable laser positioning aids	●
Ergonomic stand with transport rollers, steplessly height-adjustable by hand crank	●
Ergonomic stand, steplessly height-adjustable	●
Automatic feeding of piping strips	●
Automatic feeding of flaps and other additional parts	●
Matching and feeding device for breast velts	●
Matching and feeding device for flaps	●
Automatic flap slant recognition	■
Automatic incision of piping ends (optional: slanted), component of the equipment	■
Mechanically adjustable corner knife station for straight pocket openings!	●

*E" equipment
Gross 27000 + 153500 + additional
folders and pick-up folders according
to the application

745 337524
Manual corner incision device

745 337534
Automatic corner incision device, with
automatic flap slant recognition

17
745 517564
Automatic loading device for e.g. flaps,
pocket bags, from the left

20
745 517574
Automatic loading device for e.g. flaps,
pocket bags, from the right

21
745 597534
3 laser marking lamps

22
745 597514
Downmoder and pocket bag clamp

23
745 597524
Waistband clamp for smoothing
of the pocket area
of the hind trousers

24
745 597904
Automatic tape feeder and cutter

25
745 597684
Automatic tape feeder and cutter

26
745 597574
Pocket bag on flap
(for 10 - 12 mm needle distance)

27
745 597544
Device for endless zippers incl.
scissors with unwinding device

28
745 026021
Device for endless zippers and
one-part pocket bag

29
745 026561
Device for endless zippers and
divided pocket bags

30
745 597764
R/h zipper feeder (cut-to-length zippers),
chain underneath

31
745 597774
L/h zipper feeder (cut-to-length zippers),
chain underneath

32
745 597784
R/h zipper feeder (cut-to-length zippers),
chain on top

33
745 597794
L/h zipper feeder (cut-to-length zippers),
chain on top

34
745 597614
Shaped guide for buttonhole flaps

35
745 597884
Set of parts for extra wide piping strips

36
745 597554
Flip stacker

37
745 597684
Table extension (small) in conjunction
with flip stacker 745 597804

38
745 597594
Roll-off device, electronically
adjustable

39
745 597604
Blowing device

40
745 427514
Universal stacking device with
tray (grip stacker)

41
745 597694
Bundle clamp with rest table
for trousers parts

42
745 597674
Table extension (large) in conjunction
with bundle clamp

43
745 597624
Smoothing device for trousers parts, in con-
junction with bundle clamp and roll-off dev.

44
745 011161
Note: according to the equipment
additionally or to be retrofitted

45
745 011162
Clamp, right, for additional parts.
Note: according to the equipment addi-
tionally or to be retrofitted

46
745 597624
Vacuum blower

47
745 03031
Pneumatic connection package

48
745 597564
Automatic loading device for e.g. flaps,
pocket bags, from the left

49
745 517574
Automatic loading device for e.g. flaps,
pocket bags, from the right

50
745 597534
3 laser marking lamps

51
745 597514
Downmoder and pocket bag clamp

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745 597524
Waistband clamp for smoothing
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of the hind trousers

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Device for endless zippers incl.
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745 026021
Device for endless zippers and
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745 026561
Device for endless zippers and
divided pocket bags

59
745 597764
R/h zipper feeder (cut-to-length zippers),
chain underneath

60
745 597774
L/h zipper feeder (cut-to-length zippers),
chain underneath

61
745 597784
R/h zipper feeder (cut-to-length zippers),
chain on top

62
745 597794
L/h zipper feeder (cut-to-length zippers),
chain on top

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745 597614
Shaped guide for buttonhole flaps

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745 597884
Set of parts for extra wide piping strips

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745 597554
Flip stacker

66
745 597684
Table extension (small) in conjunction
with flip stacker 745 597804

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745 597594
Roll-off device, electronically
adjustable

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745 597604
Blowing device

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745 427514
Universal stacking device with
tray (grip stacker)

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Bundle clamp with rest table
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Table extension (large) in conjunction
with bundle clamp

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Smoothing device for trousers parts, in con-
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Note: according to the equipment
additionally or to be retrofitted

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Clamp, right, for additional parts.
Note: according to the equipment addi-
tionally or to be retrofitted

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Vacuum blower

76
745 03031
Pneumatic connection package

77
745 597564
Automatic loading device for e.g. flaps,
pocket bags, from the left

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745 517574
Automatic loading device for e.g. flaps,
pocket bags, from the right

79
745 597534
3 laser marking lamps

80
745 597514
Downmoder and pocket bag clamp

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745 597524
Waistband clamp for smoothing
of the pocket area
of the hind trousers

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745 597904
Automatic tape feeder and cutter

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745 597684
Automatic tape feeder and cutter

84
745 597574
Pocket bag on flap
(for 10 - 12 mm needle distance)

85
745 597544
Device for endless zippers incl.
scissors with unwinding device

86
745 026021
Device for endless zippers and
one-part pocket bag

87
745 026561
Device for endless zippers and
divided pocket bags

88
745 597764
R/h zipper feeder (cut-to-length zippers),
chain underneath

89
745 597774
L/h zipper feeder (cut-to-length zippers),
chain underneath

90
745 597784
R/h zipper feeder (cut-to-length zippers),
chain on top

91
745 597794
L/h zipper feeder (cut-to-length zippers),
chain on top

92
745 597614
Shaped guide for buttonhole flaps

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745 597884
Set of parts for extra wide piping strips

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745 597554
Flip stacker

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745 597684
Table extension (small) in conjunction
with flip stacker 745 597804

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745 597594
Roll-off device, electronically
adjustable

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745 597604
Blowing device

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Bundle clamp with rest table
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Table extension (large) in conjunction
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745 597624
Smoothing device for trousers parts, in con-
junction with bundle clamp and roll-off dev.

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745 011161
Note: according to the equipment
additionally or to be retrofitted

103
745 011162
Clamp, right, for additional parts.
Note: according to the equipment addi-
tionally or to be retrofitted

104
745 597624
Vacuum blower

105
745 03031
Pneumatic connection package

Key to the symbols

■ = See photo,
(illustrations overleaf)

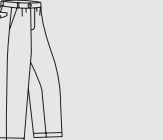
● = Component of the
machine class,
standard equipment

■ = Optional equipment,
for optimizing the
sewing unit

★ = Equipment required
for the basic sewing
unit
one variant of the corner
incision device has to be
ordered

** = other needle distances
available on enquiry

✗ = Production of
trousers pockets



◆ = Production of
men's jacket, jacket
and coat pockets



▲ = Production of
lining inside pockets



★ = Recommendation

★★ = Recommendation + flexibility

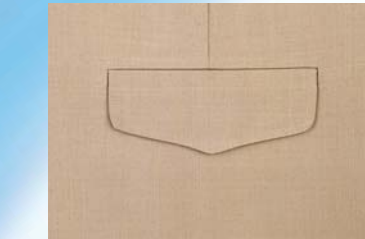
★★★ = Recommendation + flexibility + efficiency

★★★★ = Recommendation + flexibility + efficiency + special functions

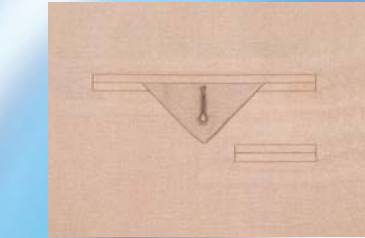
For the pocket shapes shown the following machines are recommended:



Trousers: Double-piped pocket with or without flap
745-34S ★
745-34A ★★
745-34B ★★★



Trousers: Single-piped pocket with or without flap
745-34S ★
745-34A ★★
745-34B ★★★



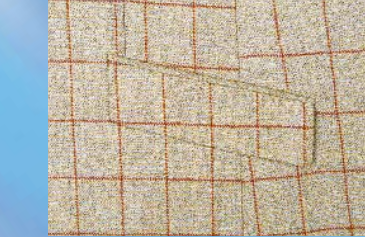
Lining parts: Single- or double-piped pocket with or without buttonhole flap
745-34A ★★
745-34B ★★★
745-34F ★★★



Men's jacket, ladies' jacket, blazer: Single- or double-piped pocket with or without flap
745-34A ★★
745-34B ★★★
745-34F ★★★



Men's jacket, ladies' jacket, blazer, coat: Breast welt pocket, patterned/plain
745-34A ★★
745-34D ★★★★★



Men's jacket, ladies' jacket, blazer: Outside pocket, patterned/plain
745-34A ★★
745-34B ★★★
745-34F ★★★★★