

TEKMART

Universal Machines, Feeders and Accessories

- ▶ Fully tested, serviced and guaranteed working
- ▶ Live online inspection available
- ▶ Pickup location: El Paso, TX. USA

- Universal Genesis Duo GC-120Q
- Universal Genesis GX-11S
- Universal Advantic AC-30L
- Universal Advantis AX-72e

- UIC HP Gold Plus DL60 Dual lane Tape Feeders
- UIC HP Gold Plus Spliceable Tape Feeders
- UIC Green Precision Pro Spliceable Tape Feeders
- Advantis/Genesis Parts and accessories

END OF YEAR DEALS!

Contact us today with any questions.

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Universal Genesis Quad GC-120Q 4991C Placement Machine (2007)

Brand: Universal Instruments Corporation

Model: Genesis Quad GC-120Q 4991C

Product Code: 4991C

Year: 2007

Serial #: 10093182

Product Tree #: 50835803

X, Y motor type: Linear Motor VRM

Conveyor Type: Single conveyor

Machine Specifications:

Software Version: SM UPS+ 7.4.0.1 Microsoft Win XP Professional Version 2002 Service Pack 3
Quad Gantry, Quad Beam

Head types: 4 x 30-spindle Lightning Heads

Component camera type Front Beam1 Side A: Firewire 1394A 0.8 mil per pixel

Component camera type Rear Beam2 Side A: Firewire 1394A 0.8 mil per pixel

Component camera type Front Beam1 Side B: Firewire 1394A 0.8 mil per pixel

Component camera type Rear Beam2 Side B: Firewire 1394A 0.8 mil per pixel

Beam1 Firewire 1.0 mil per pixel PEC Camera Side A

Beam2 Firewire 1.0 mil per pixel PEC Camera Side A

Beam1 Firewire 1.0 mil per pixel PEC Camera Side B

Beam2 Firewire 1.0 mil per pixel PEC Camera Side B

Single Lane, Left to Right

Performance:

Max CPH: 120,000

CPH/m²: 23,342

1608 CPH – Single Lane board Handling (IPC 9850 4-board): 63,000

Component Capabilities:

Min Component: 0402mm (01005")

Max Component Height: 6mm

Min Component Pitch: 0.1mm (0.004")

Min Ball Dia.: 102um

Placement Force (grams): 200 ± 20%

Board Handling:

Max Board Size Standard (L x W) (mm): 500 x 350

Load Time(s) – Standard: 1.7

Dual Lane Option: No

Topside Clearance (mm): 11.0

Bottom side Clearance (mm): 25.4

Feeder Capacity:

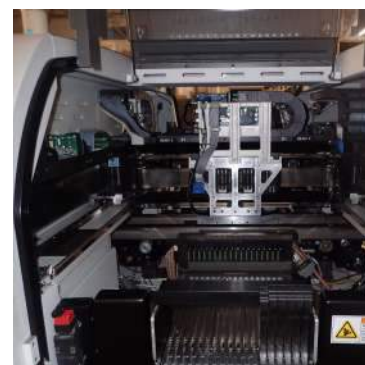
8mm Input: 144

12mm Input: 72

16mm Input: 36

Bank Change: Yes

Splicing: Yes



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Universal Genesis GX-11S 4992B Placement Machine (2008)

Brand: Universal Instruments Corporation

Model: Genesis GX-11S

Product Code: 4992B

Year: 2008

Serial #: 10094663

Product Tree: 51194202

Machine Specifications:

Software Version: UPS+ 7.3.0.1 (8.1 compatible)

Single Gantry, Single Beam

Head Types: 1 x 7-spindle FlexJet 3 Front Side Head and 1 x 4-spindle InLine 4 High Force Rear Side Head

Component camera type (Front): Magellan 0.94 mil per pixel

Component camera type (Rear): Magellan 2.3 mil per pixel

Fiducial Camera type: Frame RS170 1.0 mil per pixel PEC Camera

Single Lane, Left to Right

Performance:

Max CPH: 15,300

CPH/m2: 4,072

1608 CPH (IPC 9850 4 boards): 10,200

1608 CPH (IPC 9850 1 board): 10,600

100QFP CPH (IPC 9850 4 boards): 2,500

100QFP CPH (IPC 9850 1 boards): 3,000

Component Capabilities:

Min Component (L x W) metric (standard): 0603 (0201)

Max Component (L x W) in single scan (mm x mm): 55mm sq.

Max Component (L x W) in multi-scan (mm x mm): 150mm sq.

Max Component Height (mm) 25mm (FJ3) / 12.7mm (IL4)

Min Ball Spacing (mm): 0.094mm (0.004")

Min Ball Dia. (mm): 0.118mm

Static Placement Force: 150 - 5000 g

Special Vac Nozzle (Oddform): Optional

Gripper Nozzle (Oddform): Optional

Board Handling / Max Board Size:

Max Board Size(W x L) (mm): 469 x 508

Topside Clearance (mm): 26.5

Bottom Side Clearance (mm): 25.4

Board Edge Clearance (mm): 3

Board Edge Clearance (mm): 5 - Optional

Feeder Capacity:

8mm Input: 120

12mm Input: 60

16mm Input: 30

Bank Change: Yes

Splicing: Yes

Option:

Add PTF to your placement machine

Machine Dimensions:

Length x Depth (meters): 2.38 x 2.16



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Universal Advantis AC-30L (4983A) Placement Machine (2006)

Brand: Universal Instruments Corporation (UIC)

Model: Advantis AC-30 L 4983A

Product Code: 4983A

Year: 2006

Product Tree #: 50419802

Machine Specifications:

Operational Software: Microsoft Windows 2000 5.00 Service Pack 4

Software Type Machine Version: UPS+ 6.8.0.4

Fiducial Camera Type: Frame RS170 1.0 per pixel

Component Camera Types: Head 1 Firewire 1394A 0.8 per pixel & FirewireA 2.9 per pixel

Beams/Gantries: 1

Head Type: 30-spindle Lightning Head

Nozzle Changer Inventory: 140

PCB Flow: Left to Right

Placement Rate: 33,600 MAX CPH

X, Y Motor Type: Screw Ball

Conveyor Type: Single Conveyor

Rail Width Control Type: Automatic

PVS Bar Coding: Yes (Optional)

Voltage: 200-240VAC Nominal

Pressure: 90 Psi

Frequency: 50-60Hz

Full Load Current: 30 Amps

Performance:

Max CPH: 33,600

CPH/m²: 15,170

1608 CPH – Single Lane board Handling: 21,000

Component Capabilities:

Min Component: 0603mm (0201")

Max Component Height: 6mm

Min Component Pitch: 0.1mm (0.004")

Min Ball Dia.: 109um

Placement Force(grams): 200 ± 20%

Special Vac Nozzle (Oddform): No

Gripper Nozzle (Oddform): No

Board Handling:

Max Board Size (L x W) (mm): 508 x 457

Load Time(s) – Standard: 3

Optional (L x W) (mm): 635 x 457

Load Time(s) – Optional: 6

Dual Lane Option: No

Feeder Capacity:

8mm Input: 136

12mm Input: 68

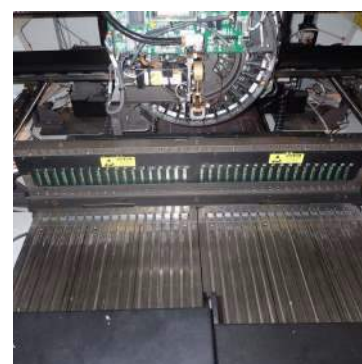
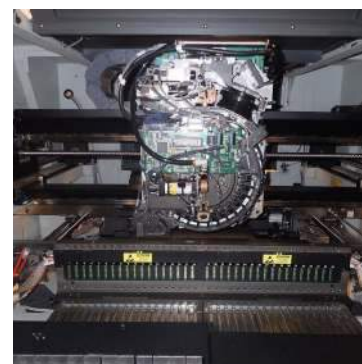
16mm Input: 34

Bank Change: Yes

Splicing: Yes

Machine Dimensions:

Length x Depth (meters): 1.67 x 2.25



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Universal Advantis AX-72E 4984B Placement Machine (2006)

Brand: Universal Instruments Corporation

Model: Advantis AX-72E

Product Code: 4984B

Year: 2006

Product Tree: 50419802

Machine Specifications:

Software Version: UPS+ 6.6.0.0 Microsoft Windows 2000 5.00.2195 service Pack 4

Single Gantry, Single Beam

Head Type: 1 x 7-spindle Flexjet3 Head

PEC Camera Component Camera Type: Front ULC Magellan 2.3 mil per pixel

Single Lane, Left to Right

Performance:

CPH Max: 19,300

Component Capabilities:

Min Component (L x W) metric (standard): 0.375mm x 0.187mm

Max Component (L x W) (mm x mm): 24mm x 24mm

Max Component Height (mm): 12mm

Board Handling:

Max Board Size: (L x W) (mm): 355.6 x 508

Feeder Capacity:

8mm Input: 132 (1-ULC)

12mm Input: 66

16mm Input: 33

Bank Change: Yes

Splicing: Yes

Removable Feeder Bank: 3 out of 4

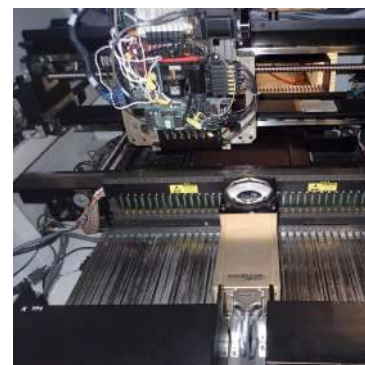
Option:

Add PTF to your placement machine

Machine Dimensions:

Length x Depth (meters) 1.67 x 1.68

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Universal Gold Plus DL-60 HP Dual Lane 8mm Tape Feeders

o Brand

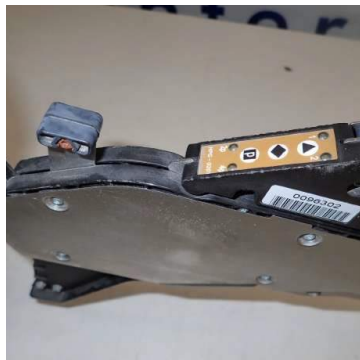
Universal

o Description

8mm Dual Lane HP Gold Plus DL-60 Tape Feeders

- 3-Point Registration (PrecisionPro) 8mm and 12mm feeders for repeatable feeder location and small chip component pick performance
- 8mm and 12mm high speed indexing rate for optimal Lightning Head performance and throughput
- The 8mm High Performance Gold Plus feeder comes standard with 0201 capability
- Smart Feeder LED Display Control Panel for pitch selection, diagnostics, High Torque Mode (HTM) and Speed settings
- Standard (factory default for 16-32mm) High Torque Mode (HTM) for improved large component delivery
- Continuous Splicing capability with reel removal detection on all High-Performance tape feeders to reduce operator intervention and increase placement machine throughput

\$599



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Universal HP Gold Plus Spliceable Tape Feeders

Universal 8mm HP Gold Plus Spliceable Tape Feeders



Price: **\$175** per feeder

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12mm HP Gold Plus Splicable Tape Feeders



Price: **\$300** per feeder

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16mm HP Gold Spliceable Tape Feeder



Price: **\$300** per feeder

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24mm HP Gold Spliceable Tape Feeder



Price: **\$449** per feeder

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32mm HP Gold Spliceable Tape Feeder



Price: **\$499** per feeder

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44mm HP Gold Spliceable Tape Feeder



Price: \$549 per feeder

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56mm HP Gold Plus Spliceable Tape Feeders



Price: \$699 per feeder

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72mm HP Gold Plus Spliceable Tape Feeders



Price: \$899 per feeder

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88mm HP Gold Plus Spliceable Tape Feeders



Price: \$999 per feeder

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Universal Green Precision Pro Spliceable Tape Feeders:

16mm Green Precision Pro Spliceable Tape Feeder



Price: **\$200** per feeder

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44mm Green Precision Pro Spliceable Tape Feeder



Price: **\$449** per feeder

[SEE MORE DETAILS](#)

56mm Green Precision Pro Spliceable Tape Feeder



Price: **\$599** per feeder

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72mm Multipitch Tape Feeder



Price: **\$1250** per feeder

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Universal Advantis/Genesis Parts and Accessories

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Universal Feeder Bank Removal Carts (Feeder Transfer Cart)



Model/Part number	QTY	Price
49401811	2	\$2,000

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Single Feeder Index Station



51001903	2	\$1,100
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Universal GSM Flexjet Calibration Kit



45235209	2	\$3,500
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Genesis GX-11 PC



51513801	1	\$2,000
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Universal Lightning Head Assy



49510706	5	\$6,000
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Spindles for Lightning head (Series 1)



51501802X	100+	\$275
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UIC Platform Tray Feeder (2008)



G544C/4559A	1	\$5,000
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