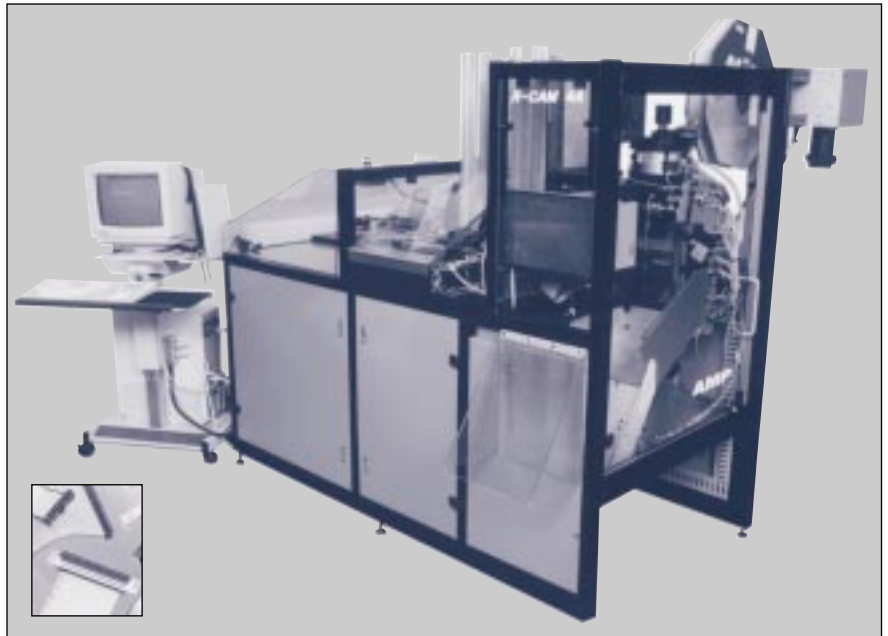


Technical features

- Compressed air supply: 600kPa
- Air consumption:
R-CAM 4A: 20,5 m³/h
R-CAM 2A and 3A: 13,7 m³/h

AMP products which can be processed

- AMP-LATCH connectors



R-CAM Ribbon Cable Assembly Machines from AMP for producing and testing daisy-chained ribbon cable assemblies.

The R-CAM 2A,3A and 4A terminate 28 AWG 1,27 mm centerline cable to a variety of AMP-LATCH connectors.

These machines are programmed and controlled via an interactive touchscreen which provides access to the manual set-up, start-up and editing modes through user-friendly menus.

Comparison of the R-CAM 2A, R-CAM 3A and R-CAM 4A

| Machine | R-CAM 2A | R-CAM 3A | R-CAM 4A |
|----------------------|--|--|--|
| Cable configurations | Max. cable length 1219 mm. Produces cable assemblies with 1 or 4 connectors with a non-terminated final length of up to 305 mm. Subsequent connectors can be pointed up or down. | Max. cable length 1667 mm. Produces cable assemblies with 1 or 2 connectors with a non-terminated final length of up to 609 mm. Subsequent connectors can be pointed up or down. | Max. cable length 2540 mm. Produces cable assemblies with 1 or 10 connectors with a non-terminated final length of up to 609 mm. Subsequent connectors can be pointed up or down. Can automatically produce and test split and twisted cable assemblies. |
| Production rates | Depending on cable length up to 1670 connectors per hour can be terminated and tested. | Depending on cable length up to 2000 connectors per hour can be terminated and tested. | Depending on cable length up to 2000 connectors per hour can be terminated and tested. |
| Dimensions | 2743 x 1372 x 1524 mm (L x W x H), 340 kg. | 1219 x 1219 x 1575 mm (L x W x H), 286 kg. | 1473 x 1727 x 1829 mm (L x W x H), 590 kg. |
| Programming | Programming and control via touchscreen. Parameters for more than 100 cable assemblies can be stored. A menu shows total production amounts or a report of the machine events. | Programming and control via touchscreen. Parameters for more than 150 cable assemblies can be stored. A menu shows total production amounts or a report of the machine events. | Programming and control via touchscreen. Parameters for more than 1000 cable assemblies can be stored. |
| Testing | The machine interrupts the work cycle when, depending on the programming by the operator, one or three faults are detected. | The machine interrupts the work cycle when, depending on the programming by the operator, a sequence of cable assemblies or a percentage of a lot is waste. | The machine interrupts the work cycle with every fault. |
| Re-tooling | Depending on the size of the assemblies 25 minutes are required on average. | Depending on the size of the assemblies 15 minutes are required on average. | Depending on the size of the assemblies 20 minutes are required on average. |

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