New Tech Machinery

The World's Finest Portable Rollforming Equipment

SSQ™
Roof Panel Machine

SSQ MutiPro™

Commercial / Residential Roof Panel Machine

15 Quick Change Profiles...One Machine • Hardened Stainless Steel forming roller system w/shear dies included • The SSQ is the most advanced...accurate...user-friendly multi-profile roof panel machine ever • Change tooling in 45 minutes or LESS with one person and one wrench

STANDARD FEATURES

• Polyurethane Drive rollers	• Welded Tubular Steel Frame
• Roller System with Shear Dies	• Panel Recognition Safety System
• Hydraulic Drive and Shear	• Length Control Limit Switch
• Push Button RUN/JOG Controls at Entry and Exit Ends	• Power Interruption Safety Circuit
• Choice of Quick-Change™ Profile Roller System	• Industry's Best Warranty
• Choice of Quick-Change™ Power-Pac™- Gas or Electric	• UL 90 Rated Panels
• Choice of One Pair of Bead, Pencil, Striation, or V-Rib Rollers	

OPTIONS

TR12 – 12,000 lb. (5,500 kg) Capacity NATM Compliant Tandem Axle Trailer, with Crane Lifting Eyes, Four-Drop Foot Stabilizing Jacks and Elec. Brakes with Breakaway Kit	**ROS-10** – Ten Ft. (3m) Sections of Variable Height Run Out Table
DR-1 – Machine Mounted Dual Overhead Reel Rack	**RR1** – Bead Rollers
DR01-EX – Expandable Arbor (16" to 20" ID) (400mm to 500mm)	**RR2/4** – Pencil Rib Rollers (Large/Small)
FSD1 – Free Standing Single Decoiler	**RR3/5** – V-Rib Rollers (Large/Small)
PLC09 – NTM PLC - Batch/Length Control	**RR6** – Striation Rollers
REM-4-A – 4-button remote control	**ELEC1** – 7.5 Hp, 220VAC, 60 Hz, 3Ph, 18 Amps
HMT – Hot Melt Sealant Pump Interface	**ELEC3** – 5 Hp, 380VAC, 50 Hz, 3Ph, 8 Amps
CVR-SSQ – Machine Cover	**ELEC4** – 7.5 Hp, 460VAC, 60 Hz, 3Ph, 9 Amps
QCPP-E – Quick-Change™ Power-Pac™- Gas or Electric	**ELEC5** – 5 Hp, 220VAC, 50 Hz, 1Ph, 21 Amps
QCPP-G– Quick-Change™ Power-Pac™- Gas or Electric	**ELEC6** – 5 Hp, 220VAC, 60 Hz, 1Ph, 20 Amps

SPECIFICATIONS

SSQ PANEL MACHINE
- Length   13' 7" (4.1m)
- Width   5' (1.5m)
- Height   4' 3" (1.3m) w/ Over Head Rack
-                 1' 10" (.6m) w/o Over Head Rack
- Weight   2200 lbs. (1000kg)

MATERIALS FORMED
- Painted Steel   28 ga. to 22 ga. (.4mm to .8mm) (painted, galvanized, aluminized)
- Painted Aluminum   .027" to .040" (.7mm to 1.0mm)
- Copper   16 oz. to 20 oz. 3/4 Hard (.5mm to .7mm)
- Terne Coat Stainless 26 ga. (.5mm)

SSQ ON TRAILER
- Length   17' 6" (5.3m)
- Width   7' (2.1m)
- Height   6' 3" (1.9m) with reel
- Weight   4800 lbs. (2200kg)

SHEAR
- Hydraulically Powered, Infinitely Adjustable, Hardened Tool Steel Blades and Dies, Panel Recognition Safety System

COIL WIDTH
- 15" to 30" (380mm to 760mm) (30" coil requires remote decoiler or expandable reel)

DRIVE
- 16 Polyurethane Drive Rollers, Hydraulically Driven via chain, sprocket and gear

SPEED
- 75 ft./min (23m/min) Approx.

PROFILES	
SSQBP	1" or 1-1/2" leg (25.4 or 38.1mm) Bermuda Panel with min. 11-1/4" (286mm) exposure
SSQ100*†	1" high x 1/2" wide (25.4mm x 12.7mm) mechanically seamed panel. Includes a hand seamer.
SSQ150*†	1-1/2" high x 1/2" wide (38.1mm x 12.7mm) mechanically seamed panel. Includes a hand seamer.
SSQ200/210A*	2" high x 13/16" wide (50.8mm x 20.6mm) mechanically seamed and ARMCO panel. Includes clip relief rollers and hand seamer.
SSQ450*/450SL*	1-1/2" high x 1/4" wide (38.1mm x 6.4mm) snap clip panel/snap lock panel.
SSQ550*	1-1/2" high x 7/16" wide (38.1mm x 11.1mm) snap lock panel. The most positive snap engagement available.
SSQ675*	1-3/4" high x 7/16" wide (44.5mm x 11.1mm) snap lock panel.
FFQ100	1" snap seam (25.4mm) with slotted fastener flange for clipless installation. Includes clip relief rollers and automatic "no chip" rotary slotter.
FFQ150	1-1/2" snap seam (38.1mm) with slotted fastener flange for clipless installation. Includes clip relief rollers and automatic "no chip" rotary slotter.
U-Panel	1/2" to 2" high (12.7mm to 50.8mm)

* Can make U-Panel   † Suitable for Zinc   **See back for FWQ profiles**

- All roller systems include shear dies & clip relief rollers. (BP & BP-R rollers do not include clip relief.)
- SSQ100, SSQ150, SSQ450/450SL and SSQBP Roller Systems all use identical left side roller sets.
- FFQ100 and FFQ150 also share identical left side roller sets.

Rib Roller Options

w/ Clip Relief   w/ Bead Ribs   w/ Pencil Ribs   w/ V Ribs   w/ Striation Ribs

Panel Profiles

SSQ100 Mech. Seamed 1"
SSQ150 Mech. Seamed 1-1/2"
SSQ200 Mech. Seamed 2"   SSQ210A ARMCO Style 2"   SSQ450 1-1/2" Snap Clip   SSQ450SL 1-1/2" Snap Lock   SSQ550 1-1/2" Snap Lock

SSQ675 1-3/4" Snap Lock   FFQ100 1" Fastener Flange   FFQ150 1-1/2" Fastener Flange   BP 1" & 1-1/2" Bermuda Panel   U-Panel 1/2" to 2"

Options

Machine w/Cover   Expandable Arbor   Quick Change Power Pack   Run Out Table   PLC Computer Controller   Free Standing Decoiller (Arbor NOT included)

Warranty

- Three years parts / Three years labor (including electrical)
- Limited lifetime separation on drive rollers
- Limited lifetime on stainless steel forming rollers

U.S. PATENT NO. 5,425,259
U.S. PATENT NO. 6,981,397
U.S. PATENT NO. 8,011,218
U.S. PATENT (S) PENDING

FWQ Profile

Flush Wall / Soffit / Underdeck Panel Profile for SSQ Roof Panel Machine

Flush wall / soffit / underdeck panel profile for SSQ roof panel machine * Panel profile will run up to 22 gauge steel
* Offers a reveal from 0" to 3" in 1/2" increments * Also offers a non-powered perforator option * Compatible with Optional Hot Melt Sealant Pump

STANDARD FEATURES

• Use as wall panel, overhead soffit or underdeck	• Reveal Feature in 0" to 3" in 1/2" increments
• Runs up to 22 gauge steel	• Underdeck feature easily engaged or disengaged

OPTIONS

• Non-powered perforator option (one / two rows)	• Use with or without perforation

SPECIFICATIONS

COIL WIDTH
- 16" to 26" (406mm to 660mm) on FWQ100 with no (0") reveal
- 17" to 27" (432mm to 686mm) on FWQ150 with no (0") reveal
- 29" (737mm) maximum on FWQ100 with 3" (76mm) reveal
- 30" (762mm) maximum on FWQ150 with 3" (76mm) reveal

PANEL COVERAGE
- 25" (635mm) maximum with 3" (76mm) reveal
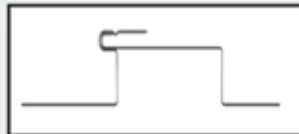- 12" to 22" (305 to 559mm) with no (0") reveal

MATERIALS FORMED
- Painted Steel   28ga. to 22ga (.3mm to .8mm) (Painted, Galvanized, Aluminized)
- Painted Aluminum   .027" to 0.40" (.5mm to 1.0mm)
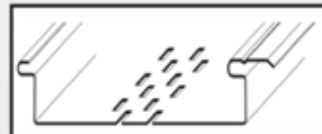- Copper   16oz to 20oz, 3/4 Hard (.5mm to .7mm)

REVEAL ADJUSTMENTS
- 0"; 0.5"; 1"; 1.5"; 2"; 2.5"; 3" (0mm; 12.7mm; 25.4mm; 38.1mm; 50.8mm; 63.5mm; 76.2mm)

Panel Profiles

* FWQ 100
* FWQ 150
   (not to scale)
* Can make U-Panel

FWQ - Perf
(one row shown)
(not to scale)

FWQ - Underdeck
(not to scale)

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