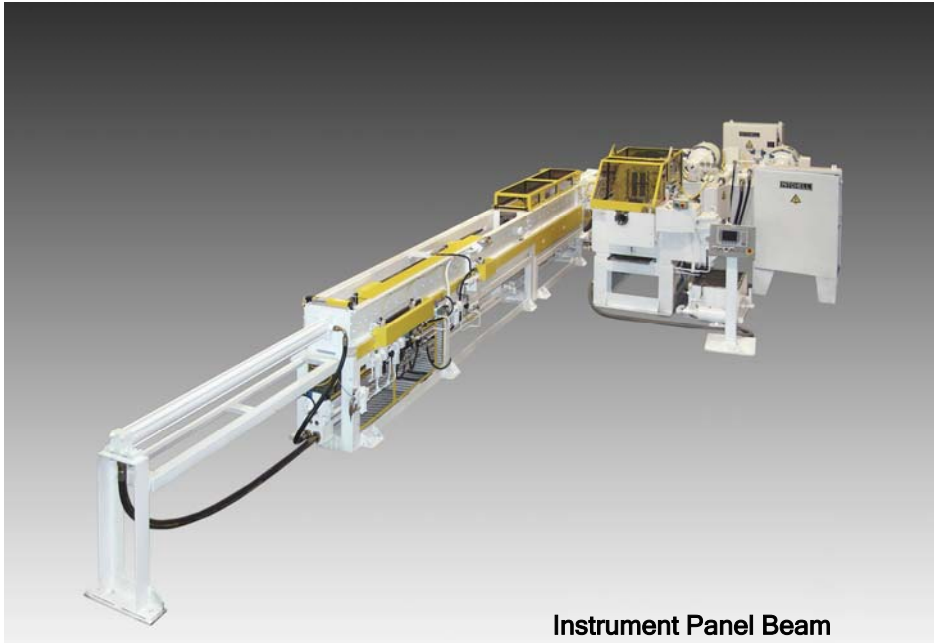


MITCHELL

GEORGE A. MITCHELL COMPANY
“Tube Forming Specialists”



**Instrument Panel Beam
Tube Forming Cell
Mitchell Serial Nos. PP-673/674**

The above Cold Forming Cell utilizes an innovative process developed for the manufacture of automobile instrument panel beams. The manufacturing process is carried out by two different forming procedures, both of which Mitchell excels at – Tube Push Pointing and Tube Drawing. A US Patent has been issued that covers this unique process.

The cell includes a 50,000 Lb. Three (3) Die Push Pointer and a Special Tube Drawing Unit. The drawing unit uses the same tooling components found in a normal draw bench, along with additional features that make it unique in the industry.

The new forming process makes the normal current procedure of joining two tubes of different cross sections obsolete. The single formed tube of varying cross sections possesses an enhanced natural frequency and structural integrity compared to the two-piece construction.

For information on innovative cold forming techniques for your application, please contact us.

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