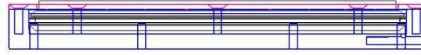
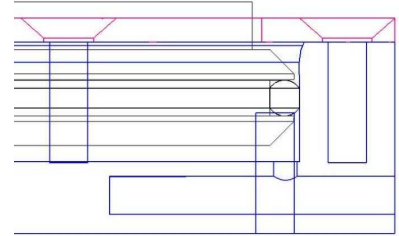


Basic design



Cross section



Enlarged Cross Section

Credence's Model PP-xx Out of Parallel Compensating Pistons are designed to enable both faces of a platen press to be parallel with each other. The piston uses an O ring seal and flat interface surfaces to ensure that the top surface becomes parallel to the bottom face. Once attached to the top platen and interfaced with the bottom platen the bottom face of the piston will continually maintain a parallel orientation to the bottom platen face.

This design was initially used in the manufacturing of HTCC products and was maintenance free for over 10 years.

Specifications and Components

- | | |
|---|---|
| <ul style="list-style-type: none"> • Available in various diameters • Approx 1" thick | <ul style="list-style-type: none"> • All steel construction. • Piston is hardened and ground flat • Will handle pressures up to 100 tons |
|---|---|

Pricing and Terms and Conditions

- | | |
|---|---|
| <ul style="list-style-type: none"> • A 12" piston is \$4,200.00 (single unit) • Consult Factory for other diameters | <ul style="list-style-type: none"> • Payment: 50% with order; 50% net 30 • Shipment is FOB Tempe AZ |
|---|---|

Credence Engineering

Credence Engineering, Inc. is owned by Jim Ellis who for 14 years was the Equipment Engineering Manager at Medtronic in Tempe AZ. He was responsible for building custom designs and modifying purchased equipment so Medtronic could grow from a few 100 parts per week with 40% yield to 10,000 parts per week with >90% yield.

Following his tenor at Medtronic he was the Director of Engineering at Pacific Trinetics, an equipment manufacturer, in the san Diego CA area.

Credence has been in business since Feb. 1999 and has an extensive line of LTCC production equipment with many of these products adaptable to most green ceramic processes.

Credence Engineering Inc
Advanced Green Ceramic Processing Equipment