



Maximize press output and increase safety with SERAPID's proprietary Rigid Chain Technology.

Rigid Chain Technology (RCT), as implemented in SERAPID's Quick Die Exchange system, operates using a specially engineered chain. When activated, the chain smoothly and seamlessly extends, creates a single unyielding bar.

The chain can be guided or combined with table & rolling elements for powerful and precise linear movement of practically any load over any distance. When retracted, the chain is stored in a compact magazine, clear of the transfer path.

Rigid Chain Technology uses electro-mechanical power via gearmotor, maintaining exceptional stability and repeatable positioning with 0.5mm tolerance or more.

RCT has been implemented into several products specifically made for moving dies in the press environment. Our Push-Pull System, Roll Beam Actuator, and GPO Tool and Die Truck provide the highest level of power and efficiency, with smooth accurate and safe positioning.

QDX by **SERAPID**

QUICK DIE CHANGE // PRESS AUTOMATION // RIGID CHAIN TECHNOLOGY

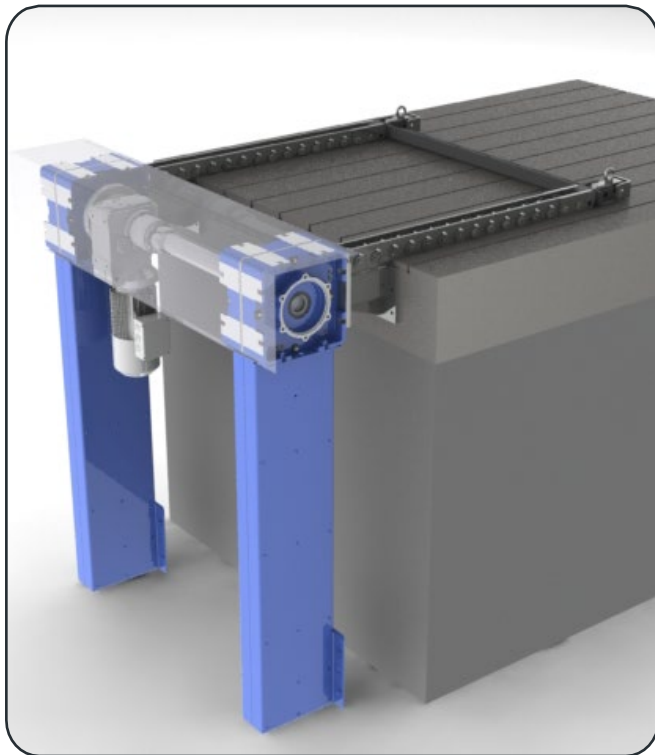


PPS - PUSH / PULL SYSTEM

SERAPID's rigid chain Push / Pull System (PPS) is a heavy load linear actuator for quick die change providing thrust approaching 36,000 pounds.

The innovative design stores the retracted portion of chain out of the way, as opposed to a cylinder which requires equal room behind the point of origin to store the rod.

The PPS uses electro-mechanical movement via gearmotor and can repeatedly position dies with .05mm accuracy or more.



POWERED BY
SERAPID



HIGH RELIABILITY

Withstands heavy use with little to no maintenance. In a typical environment a rigid chain system will maintain itself.



TELESCOPIC POSITIONING

Reliably moves dies quickly and accurately. Telescopic movement keeps the transfer path clear when not in use.



CUSTOMIZABLE

Tailored to your specific needs. Whether you need a custom rolling bolster or specific side loader, SERAPID has you covered.



SAFE OPERATION

Designed with safety in mind. Every installation is developed with industry safety standards in mind.

www.serapid.com

(586)274-0774
34100 MOUND ROAD
STERLING HEIGHTS, MI - 48310