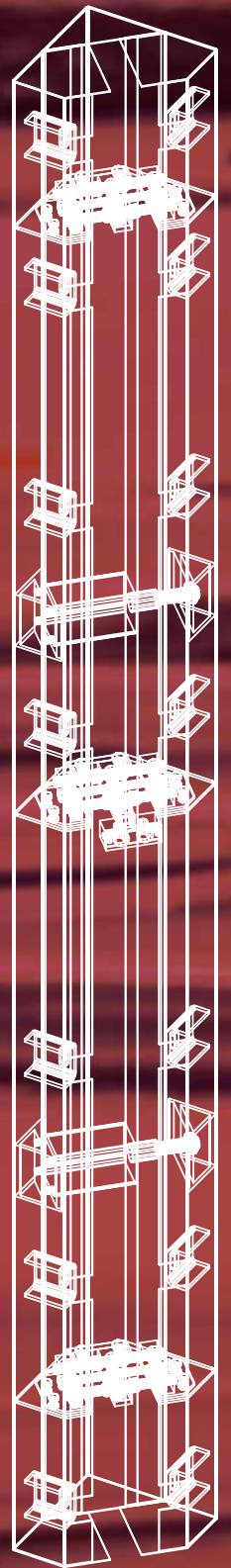


HYDRAULIC STRIPPING CORNERS

FOR FORMWORK OF CONCRETE CORES



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 **NATIONAL**
FORMING SYSTEMS

HYSICO BOX FORM

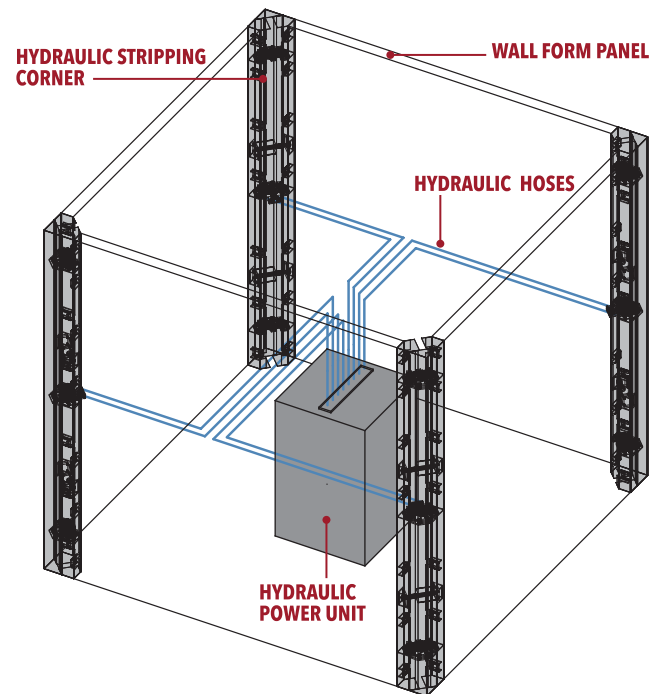
One of the most demanding formwork operations, in terms of time and labor, is the assembly and disassembly of the core wall form system for forming of elevator shafts and stairway walls. For this type of formwork the traditional method was to make box forms with mechanical stripping corners. Time and labor to strip and properly re-position the box form system from one level to another was constant challenge for contractors.

For fast and efficient positioning and stripping of box forms, National Forming Systems Inc. developed the HYSICO Box Form. This system eliminates the labor required to expand and contract the box form, and reduces expansion and contraction times to seconds.

The HYSICO Box Form is a four sided concrete form, either square or rectangular shape, consisting of four perpendicular wall form panels connected at the vertical ends to Hydraulic Stripping Corners driven by a power unit. The purpose of this systems is to form the inside face of concrete walls of elevator shafts or stairways.



HYSICO BOX FORM



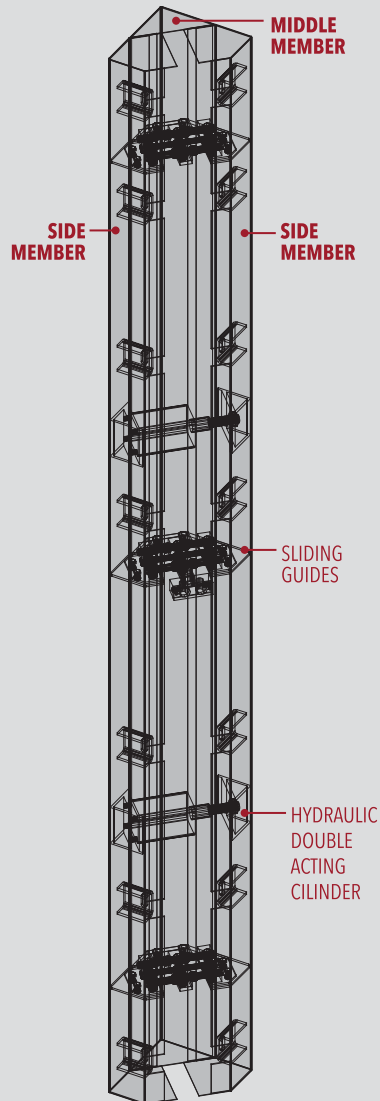
COMPONENTS OF THE HYSICO BOX FORM:

- Wall Form Panels
- Hydraulic Stripping Corners
- Power supply Hoses
- Hydraulic Power Unit

Each Hydraulic Stripping Corners is connected with two hydraulic hoses to the Hydraulic Power Unit.

Through developing the HYSICO box form, National Forming Systems Inc. has advanced the way elevator cores and stairwells are constructed.

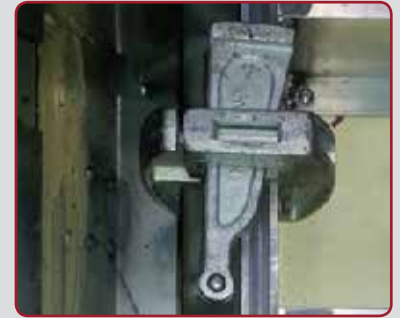
HYDRAULIC STRIPPING CORNERS



Each Hydraulic Stripping Corner consists of three vertical members, a middle member and two side members, interconnected by sliding guides and two hydraulic double acting cylinders. The cylinders retract or expand the two vertical side members.

The two vertical side members are connected to two perpendicular wall form panels with friction wedge clamps in order to retract

or expand the wall form panels as the Hydraulic Stripping Corners expand or contract.



ADVANTAGES OF HYDRAULIC STRIPPING CORNERS:

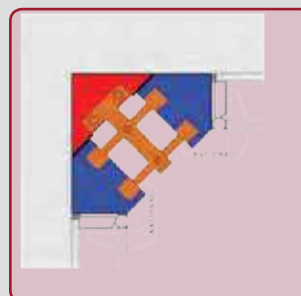
Eliminate man labor required to retract and expand corner devices of Box Form

All four Hydraulic Stripping Corners retract and expand simultaneously within a few seconds.

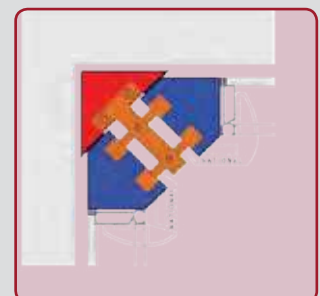
Box Forms stay intact and perfectly square during stripping and repositioning

Superior concrete finish.

The Hydraulic Stripping Corners retract and pull the four wall form panels inward creating a space of 40 mm between the wall form panels and the cured concrete surface.



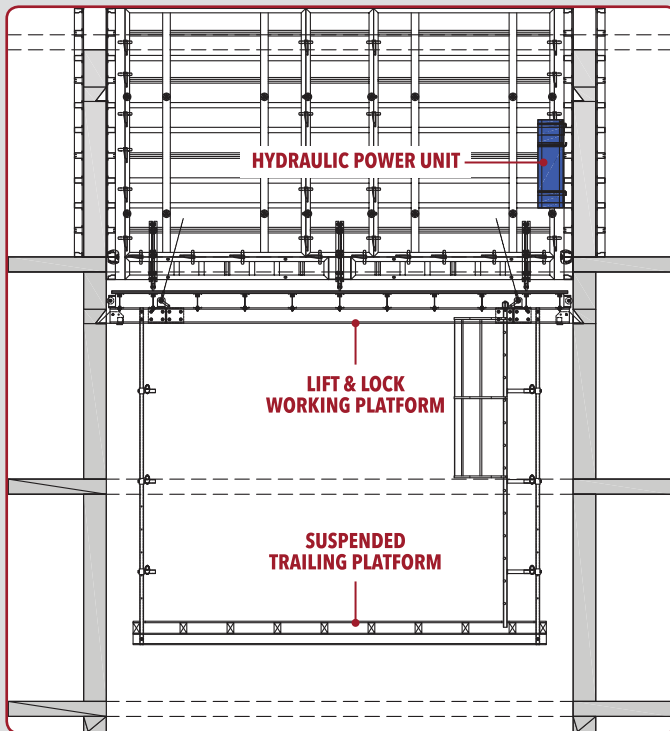
HYDRAULIC STRIPPING CORNER EXPANDED



HYDRAULIC STRIPPING CORNER RETRACTED

JOBSITE APPLICATIONS

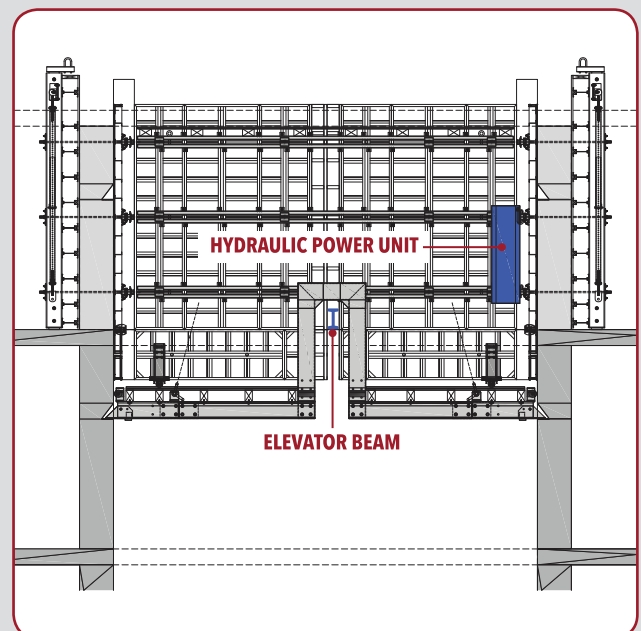
The HYSICO Box Form for elevator cores, with the Lift & Lock working platform and suspended trailing platform, is the most productive formwork system for this type of construction.



HYDRAULIC STRIPPING CORNERS CONNECTING PERPENDICULAR STERLING WALLFORM PANELS.

For protection from concrete spillage or other debris that could create unnecessary cleaning time, cover protection is standard on all Hydraulic Stripping Corners.

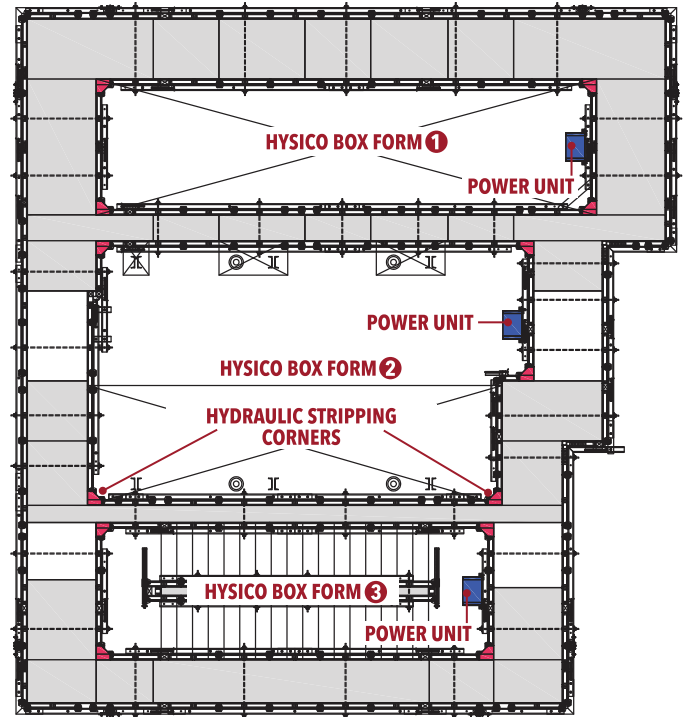
The Lift & Lock platform can be configured in a way that allows it to bridge over the elevator divider beam and, at the same time allow the embedment of the elevator divider beam with the concrete pour of the core walls.



LIFT AND LOCK PLATFORM OVER ELEVATOR BEAM



HYDRAULIC STRIPPING CORNER CONNECTING TWO PERPENDICULAR ALPAN WALLFORM PANELS.



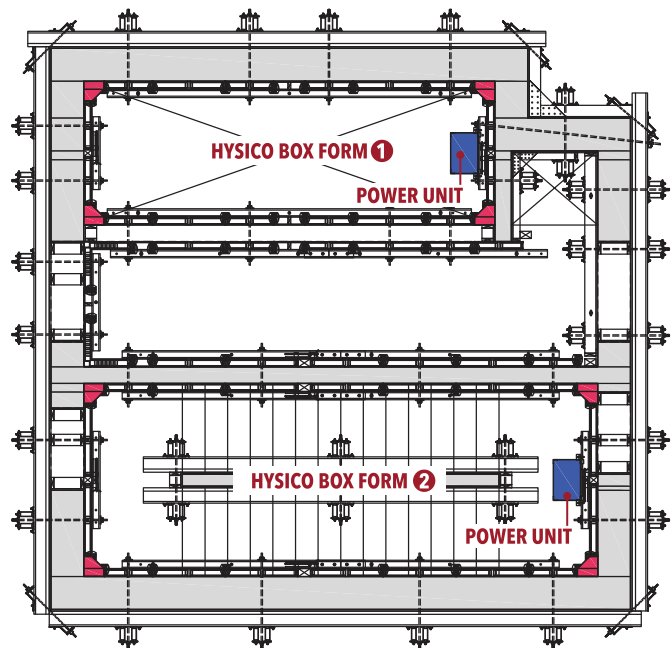
SOVEREIGN Residential Tower
4501 Kingsway St., Burnaby, BC



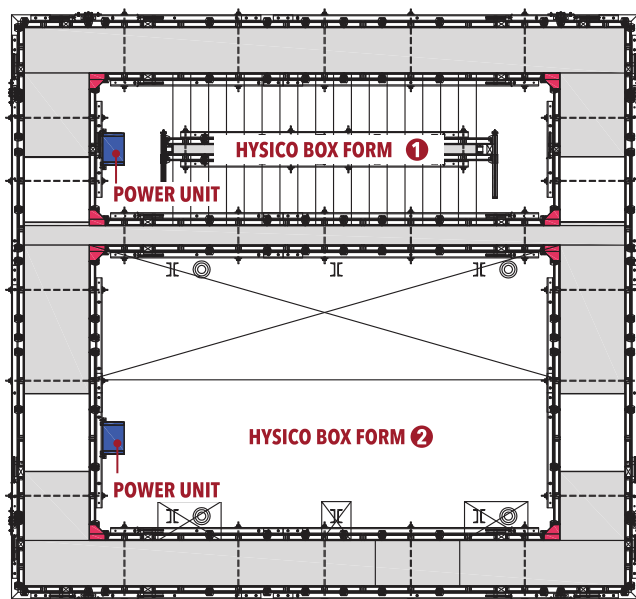
SUCCESSFUL CONSTRUCTION PROJECTS



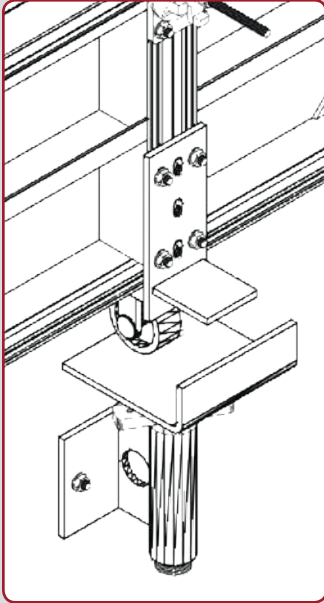
METROPLACE Residential Tower
6461 Telford Ave., Burnaby, BC



COSMO Tower
161 West Georgia St., Vancouver, BC

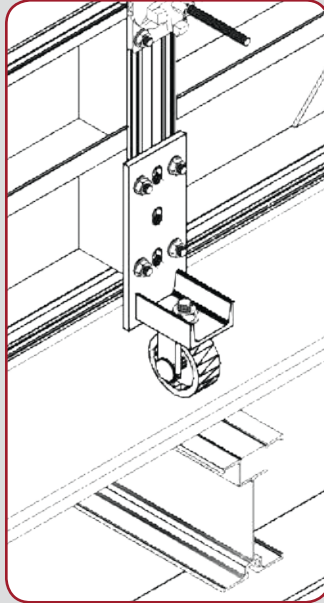


ACCESSORIES FOR HYSICO BOX FORM



OPTION 1

Support over adjustable wall form brackets



OPTION 2

Support over deck of Lift & Lock Platform

To allow retraction and expansion, each HYSICO Box Form has at least four rollers attached to the bottom of each wall form panel. Rollers provide smooth and easy operation of the Hydraulic Stripping Corners which pull-in or expand four perpendicular wall form panels.

There are two options to support HYSICO Box Form over rollers during construction:

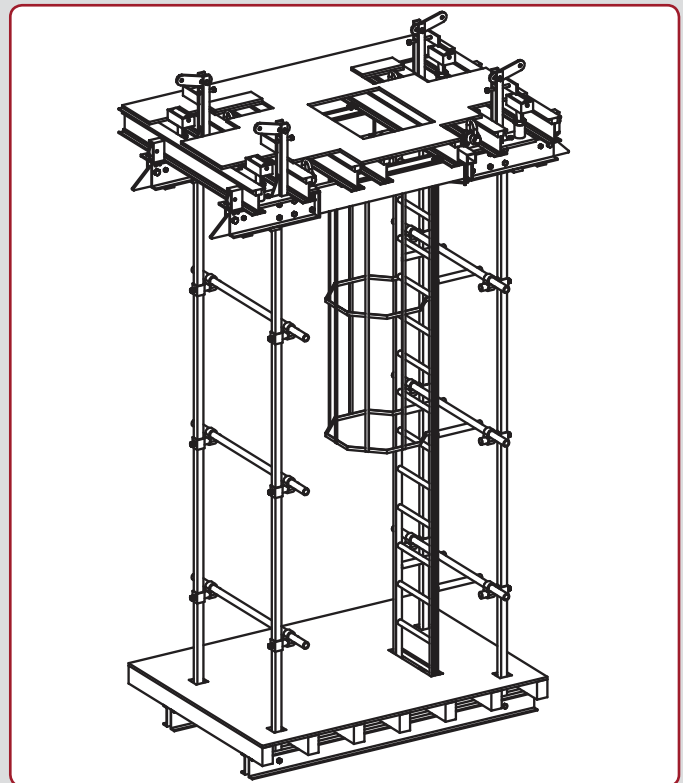
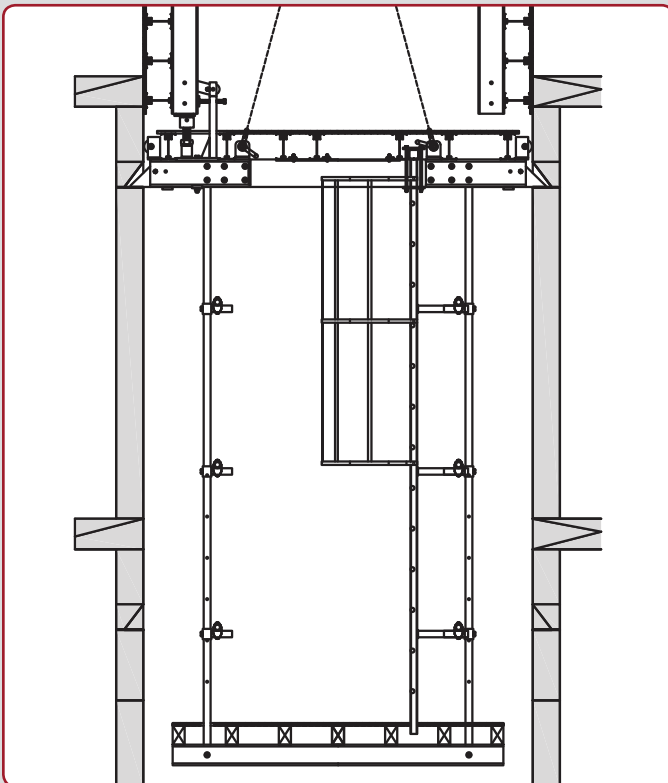
OPTION 1

Support over adjustable wall form brackets. With this option, a crane lifts and holds the HYSICO Box Form while adjustable brackets are installed, then the crane lowers the HYSICO Box Form onto the installed adjustable brackets.

OPTION 2

Support over deck of Lift & Lock Platform. With this option, a crane lifts the Lift & Lock Platform and the HYSICO Box Form together as HYSICO Box Form is supported by the platform.

LIFT & LOCK PLATFORM



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