HyDraw® CAD900
What's New

Power-to-Design Circuits

HyDraw® CAD⁹⁰⁰ What's New?

Aliases for HyDraw Commands

Replace Symbol

Convert Symbol or Connection to HyDraw Object

Insert Drawing Sheet Border & Title Block

Edit Title Block Properties

ISO Standard Connection Lines

HyDraw Property Manager Enhancements

Unlimited Custom Connection Lines

Merge Connection Lines

Assembly ID – Reassign, Display in Drawing & Parts List

Export to MDTools Enhancements

Display Properties Enhancements

Manage Drawing Templates

Flip/Rotate Symbols When Inserting into Drawing

Use Autodesk Vault to manage HyDraw CAD Drawing

◀ ◀ ▶

VEST

Aliases for HyDraw Commands

YCP (PRESLINE)
YC1 (CUSTLINE1)
YCW (WORKINGLINE)
YE (ENVELOPE)
YN (NETLIST)
YO (HYDRAWOPTIONS)
YB (UPDATEBALLOON)
YC2 (CUSTLINE2)
YC3 (CUSTLINE3)
YC4 (CUSTLINE4)
YC5 (CUSTLINE5)
YCC (CONTROLLINE)
YCD (DRAINLINE)
YCR (RESORVOIRLINE)
YCS (SUCTLINE)
YG (INSERTGAUGEPORT)
YI (ASSIGNITEMID)
YL (LIBRARYEXPLORER)
YM (MATCHCONPROP)
YP (PROPERTYMANAGER)
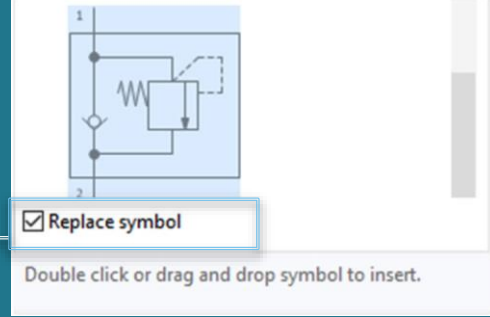YPA (PARTSLIST)
YPO (PORTSLIST)
YR (REFRESHPROPS)
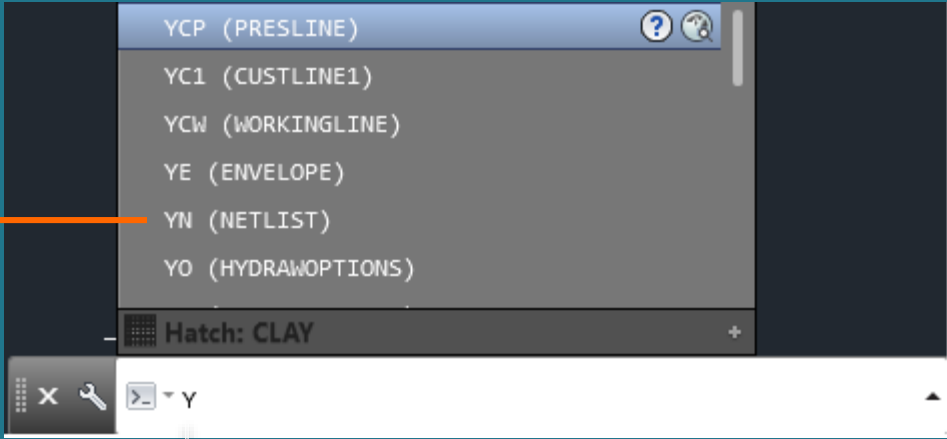
Key in the letter "Y" to bring up the list of aliases for HyDraw shortcut commands

Replace Symbol

NEW

Option is enabled when the symbol to be replaced is selected in the drawing

Drag and Drop the new symbol into the drawing to replace the selected symbol
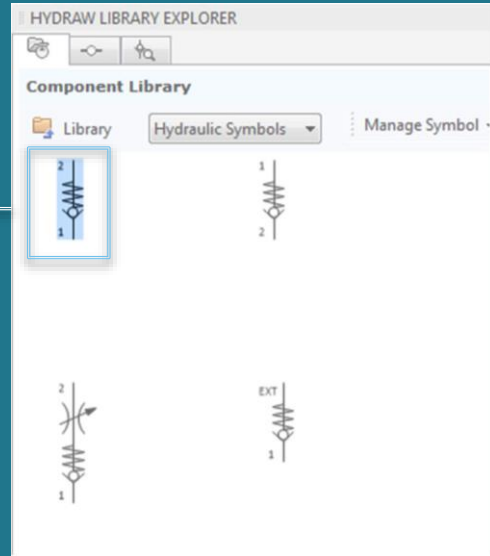
- Lines stay connected after symbol is replaced in the drawing
- Replace Symbol option is also available in HyDraw Library Explorer – Search from Library

☑ Replace symbol

Double click or drag and drop symbol to insert.

HYDRAW LIBRARY EXPLORER

Component Library

Library   Hydraulic Symbols ▾   Manage Symbol ▾

Before
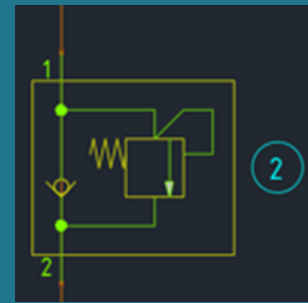
After
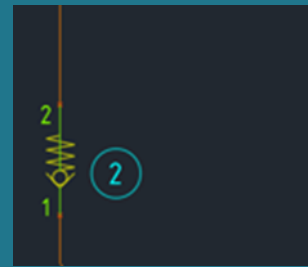
Convert Symbol to HyDraw Object

NEW
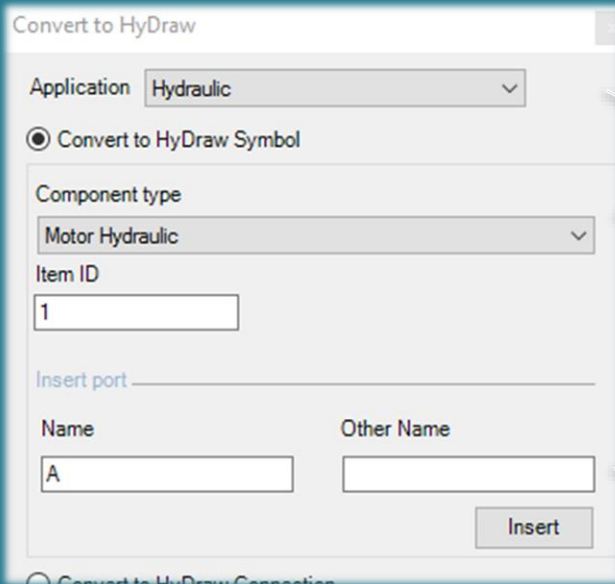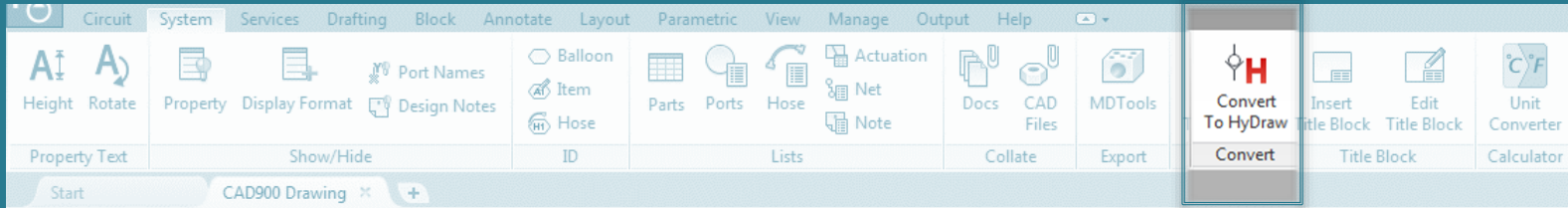
Specify Application and Component Type

Add Ports to the symbol to make connections
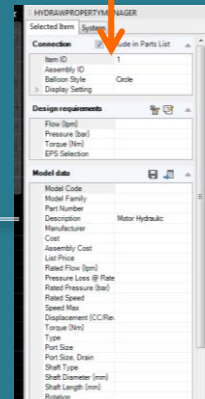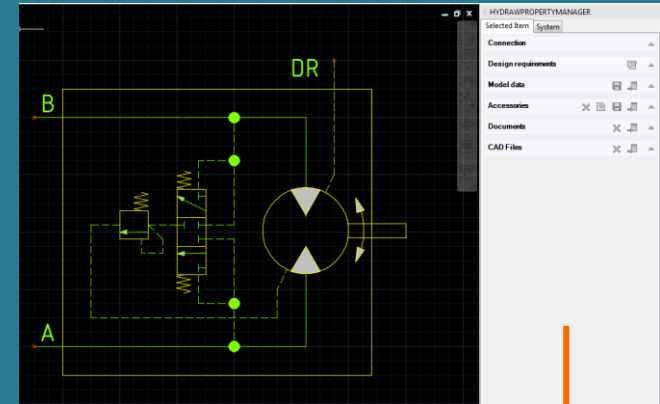
Symbol becomes HyDraw intelligent

Insert Drawing Sheet Border & Title Block

NEW
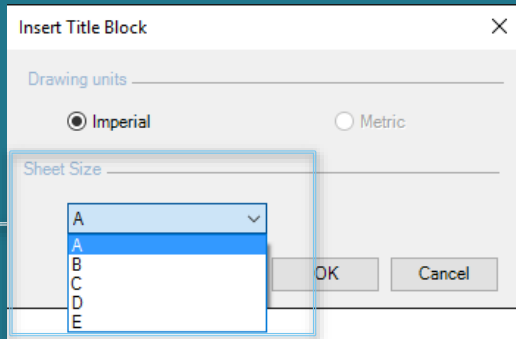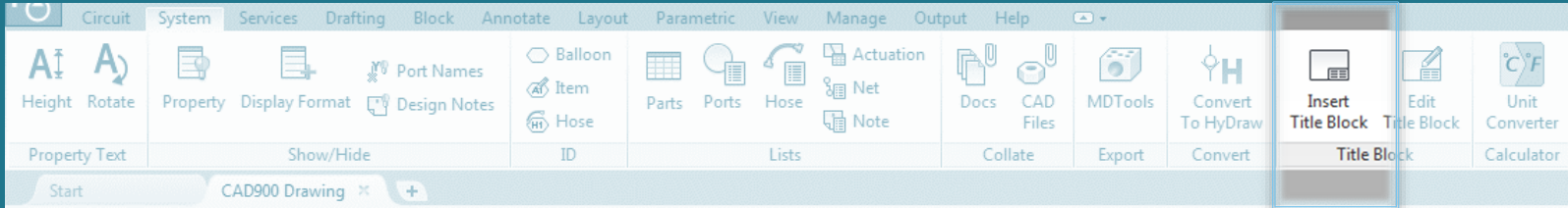
Select Sheet Size

Drawing Sheet
Border & Title
Block

VEST

Edit Title Block Properties

NEW

Enter Title Block properties to be displayed in the drawing

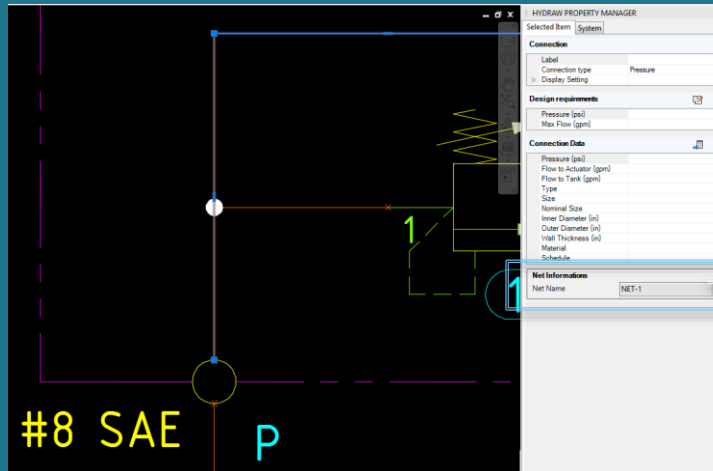Use ISO Standard Connection Line Types to standardize your HyDraw drawings

Enhanced HyDraw Property Manager
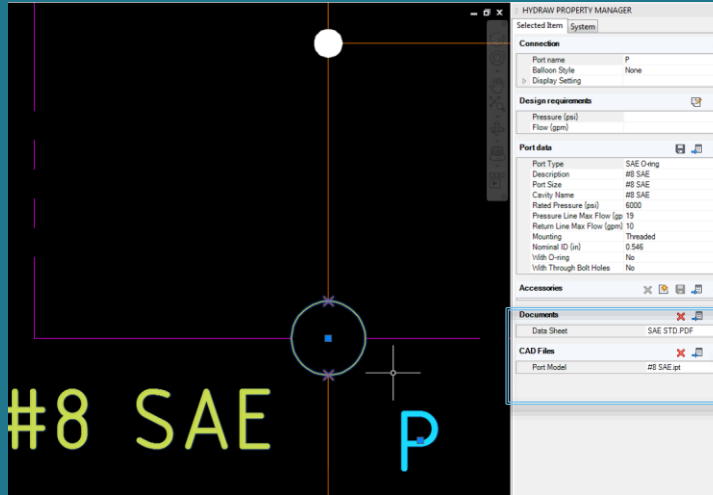
Link CAD Files & Documents to External Ports

Net information displayed for connection lines
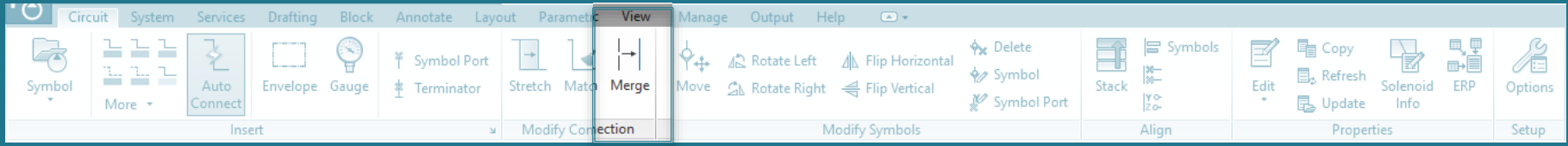
Unlimited Custom Connection Lines

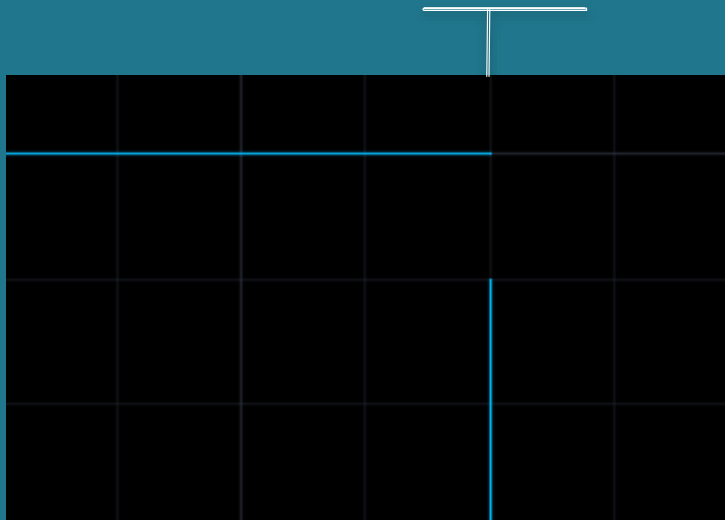**NEW**

Manage any number of custom connection lines

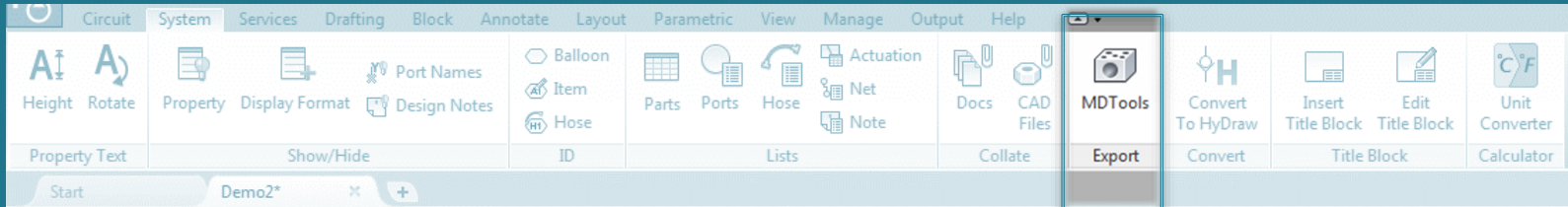# Merge Connection Lines

Before Merge

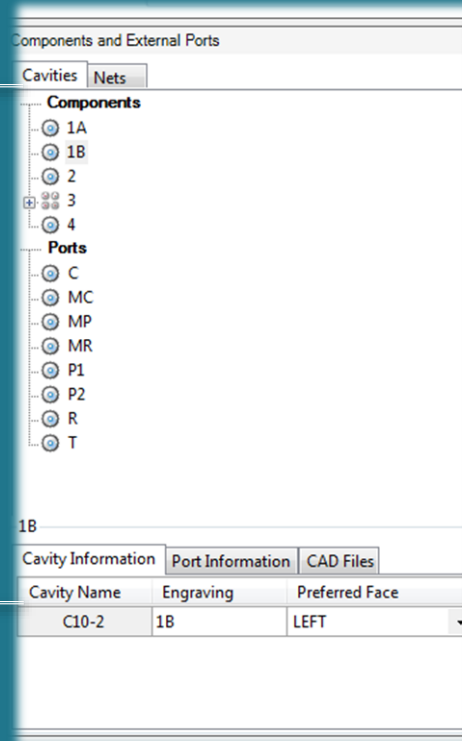Lines of the same type merged together to become a single polyline
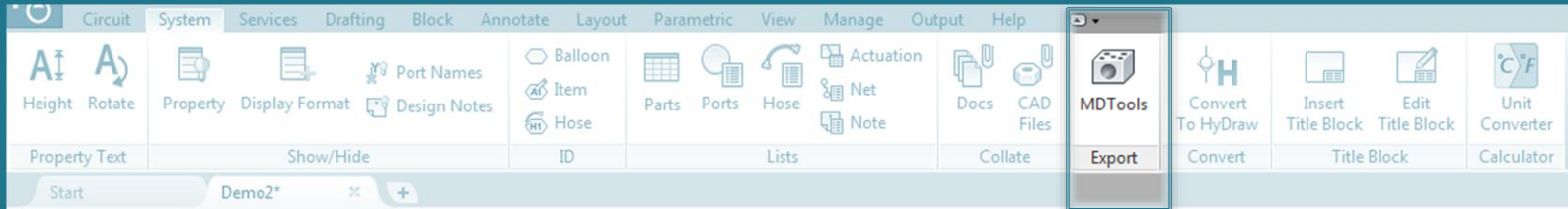
Export to MDTools Enhancements

NEW

View by Cavities or Nets

Specify Preferred Face, Engraving and view linked CAD Files

Export to MDTools Enhancements (contd.)

View or Save the Export to MDTools Report

Assembly ID – Reassign, Display in Drawing & Parts List

Reassign Only Assembly ID

Reassign Item ID

Item ID options

Item ID start with

`1`

Assembly ID

`A`

☐ Reassign Only Assembly ID

Balloon

☑ Use current balloon type
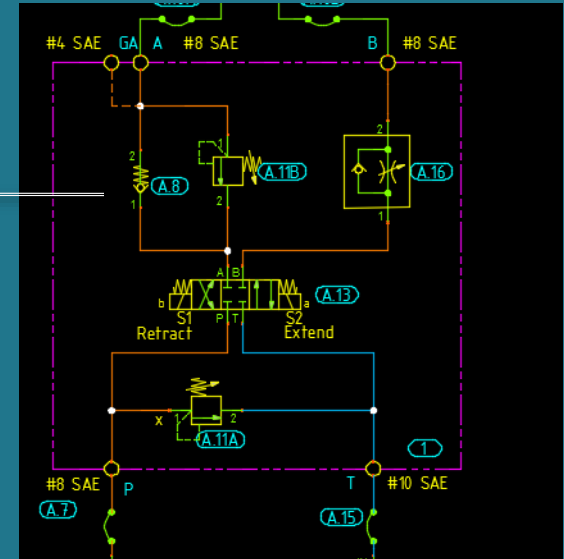
Items included

☑ Components
☑ Component accessories
☐ System accessories
☑ Hoses

OK   Cancel

Display Assembly ID along with Item ID in drawing

Display Assembly ID in Parts List

ITEM ID	QTY	MODEL CODE	DESCRIPTION	MANUFACTURER
A.1	1		MANIFOLD	
A.2	1	T-30-F	RESERVOIR	VESCOR
A.3	1	EM15/1800/254TC/TEFC	ELECTRIC MOTOR	BALDOR
A.4	1	M182682B	M/P ADAPTER	MAGNALOY
A.5	1	M300-254T-SAEB	COUPLING SET	MAGNALOY
A.6	1	PVQ20-A2R-SE1S-21-C21-12	PUMP, PRESSURE COMPENSATED	EATON

Display Properties Enhancements

Manage display of properties from within HyDraw

Manage Drawing Templates
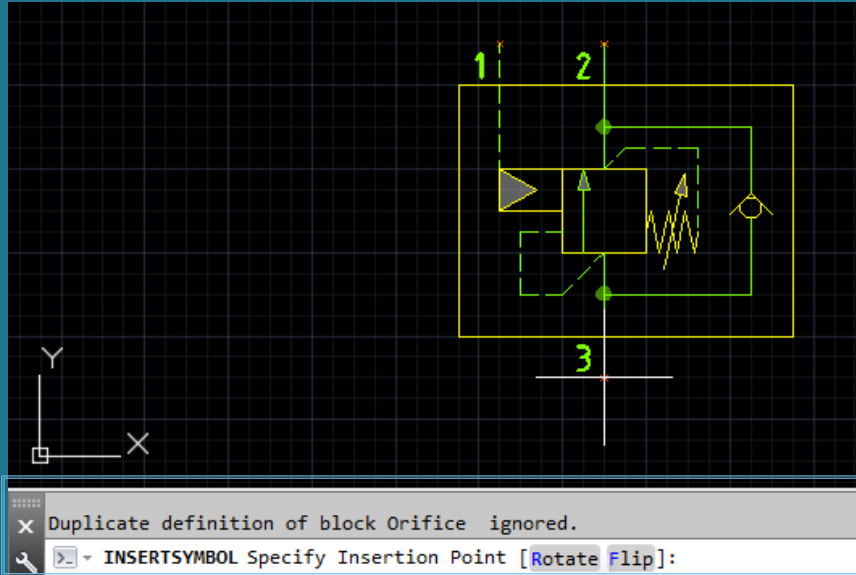
NEW

Enter Title Block & Border Name

Set Drawing Template Path

Assign a template to each size

Flip or Rotate Symbols while Inserting into Drawing
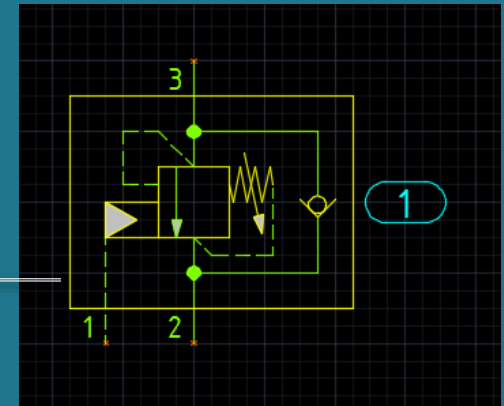

Symbol Flipped Right
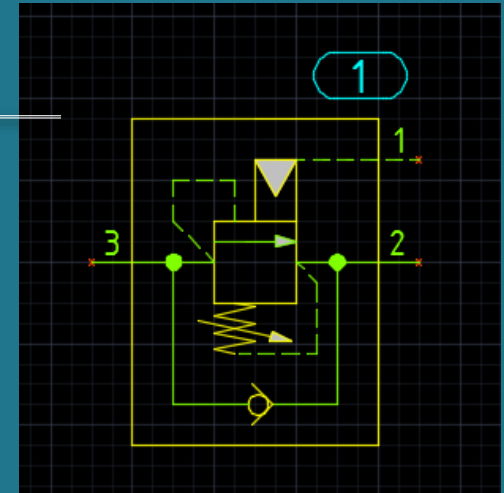
Symbol Flipped Vertically

Duplicate definition of block Orifice ignored.
INSERTSYMBOL Specify Insertion Point [Rotate Flip]:

Rotate/Flip the symbol using the command line while inserting into drawing

Manage HyDraw Drawings through Autodesk Vault

NEW

Manage HyDraw CAD drawing revisions through Autodesk Vault

HyDraw® Library Manager 2016, What's New?

Delete Multiple Model Codes

Link CAD Files & Documents to Multiple Model Codes

Add/Delete Connection Line Types

Delete Multiple Model Codes

Select multiple model codes and right click to delete

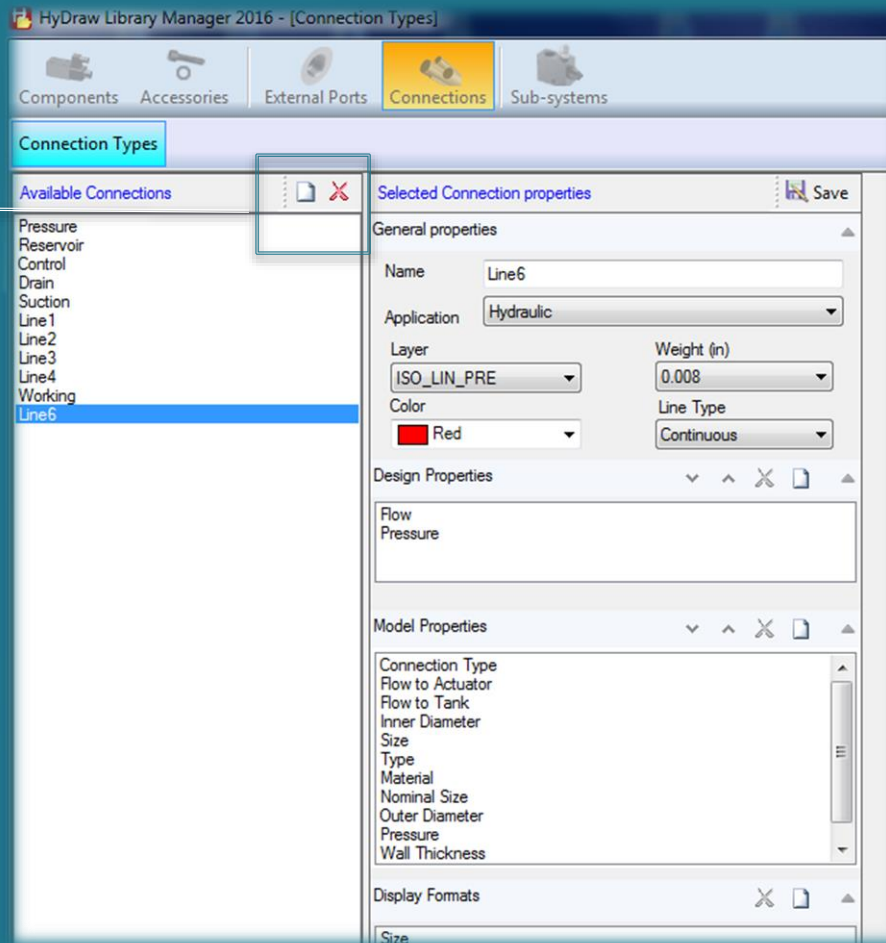# Link CAD Files & Documents to multiple model codes

Link Documents and CAD Files to multiple model codes

NEW

Add or Delete Connection Line Types

Add or Delete
Connection Line
Types to use inside
HyDraw CAD

Do more…

HyDraw CAD⁹⁰⁰ schematic drawing software

FREE **HyDraw** CAD⁹⁰⁰ Evaluation Software

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call +39 328 695 70 01 or email carlo.molon@fluidpower.it

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