

 digipara® liftdesigner

Product Loading:  
Hydraulics

PL6



# Recommendation

ONLINE TRAINING



**Are you an attendee in a DigiPara LiftDesigner online training module?**

We recommend to print these out in advance so that you have a handout for your own editing and for your notes during your training.

## PL6.1 Preparation Steps

- Preparing the Datamanager
- Overview of Rows and Columns

## PL6.2 Practice 1: Tank with Standard Geometry

- Define your Parameters
- Load your edited BIM Component

## PL6.3 Practice 2: Tank without Standard Geometry

- Set up necessary modes
- Create a new profile group
- Load your edited BIM Component
- Load the Developer Work Area
- Modify the simplified 3D Geometry
- Save the BIM Component back into the DigiPara BIM Library

## PL6.4 Optional Steps

- Add dynamic Properties
- Define dynamic BIM Component Rules

## PL6.5 Tube position

- Add and define a new characteristic Point

## PL6.6 Summary

- Custom Q&A's

# PL6.1

Preparation Steps

PREPARATION  
STEPS

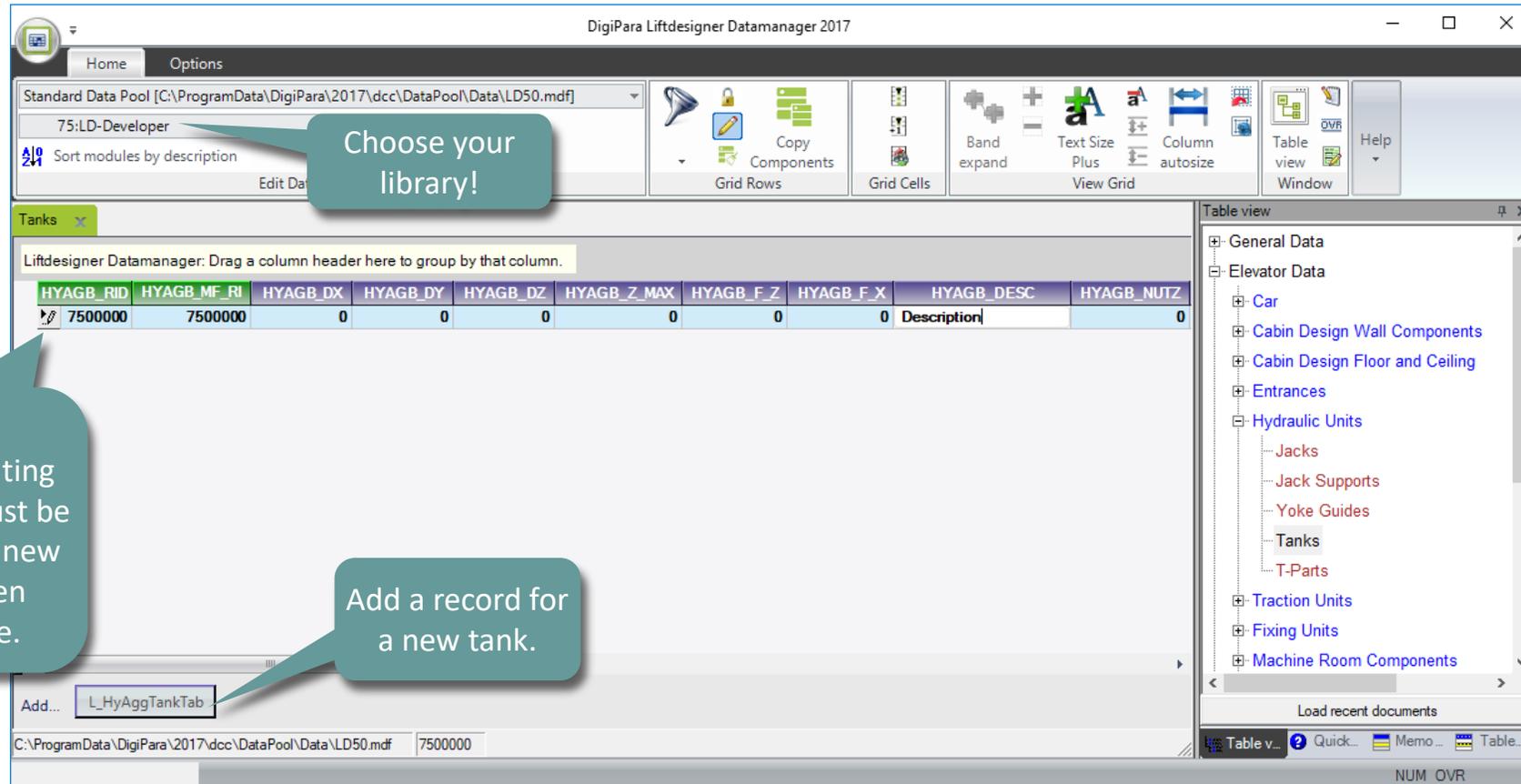


✓ Preparing the Datamanager

# Preparing the Datamanager

PL6.1 PREPARATION STEPS

for adding the Oil Storage Data



The screenshot shows the DigiPara LiftDesigner Datamanager 2017 interface. The main window displays a data table with columns: HYAGB\_RID, HYAGB\_MF\_RI, HYAGB\_DX, HYAGB\_DY, HYAGB\_DZ, HYAGB\_Z\_MAX, HYAGB\_F\_Z, HYAGB\_F\_X, HYAGB\_DESC, and HYAGB\_NUTZ. The first row contains values: 7500000, 7500000, 0, 0, 0, 0, 0, 0, 0, and Description. A callout bubble points to the '75:LD-Developer' library name in the top left, stating 'Choose your library!'. Another callout bubble points to the 'Add...' button at the bottom left, stating 'Add a record for a new tank.'. A third callout bubble points to the first row of the table, stating 'Edit Mode! The sign for editing the data row must be gone -> to save new contents, open another table.'. The right sidebar shows a tree view with categories like General Data, Elevator Data, Car, Cabin Design Wall Components, Cabin Design Floor and Ceiling, Entrances, Hydraulic Units, Jacks, Jack Supports, Yoke Guides, Tanks, T-Parts, Traction Units, Fixing Units, and Machine Room Components.

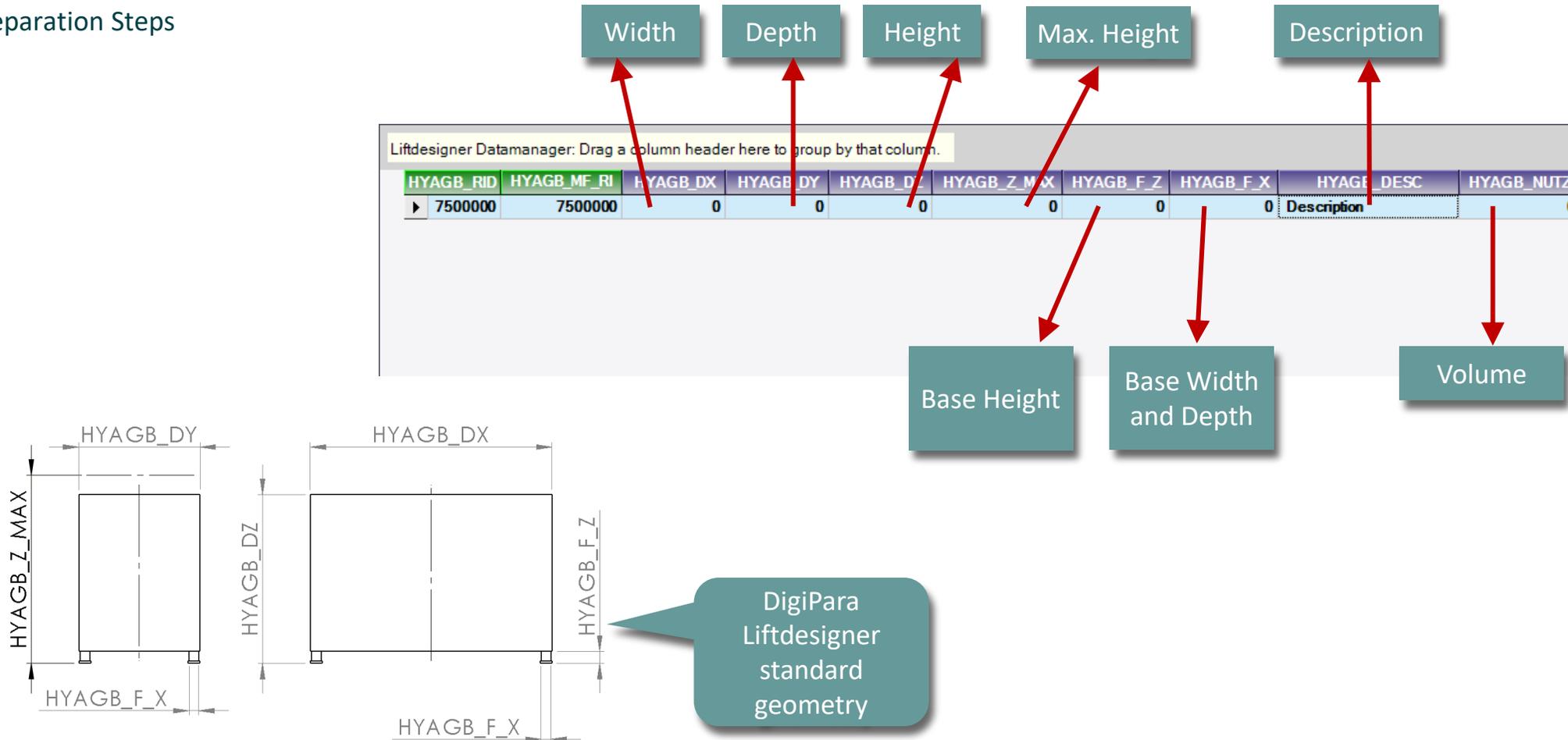
HYAGB_RID	HYAGB_MF_RI	HYAGB_DX	HYAGB_DY	HYAGB_DZ	HYAGB_Z_MAX	HYAGB_F_Z	HYAGB_F_X	HYAGB_DESC	HYAGB_NUTZ
7500000	7500000	0	0	0	0	0	0	Description	0

✓ Overview of Rows and Columns

# Overview of Rows and Columns

## PL6.1 PREPARATION STEPS

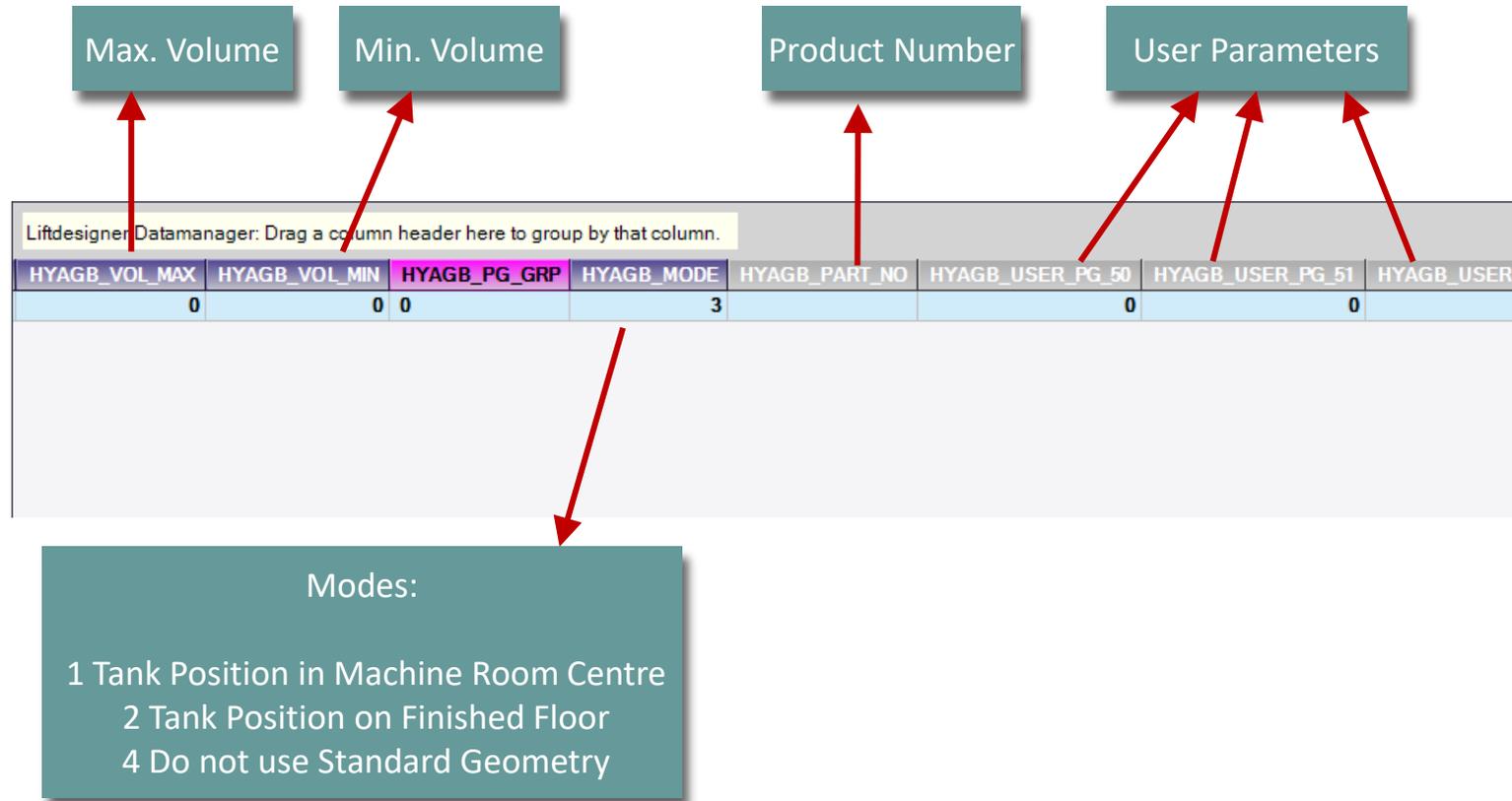
### Preparation Steps



# Overview of Rows and Columns

## PL6.1 PREPARATION STEPS

### Preparation Steps



# PL6.2

Practice 1: Tank with  
Standard Geometry  
Typical Processes



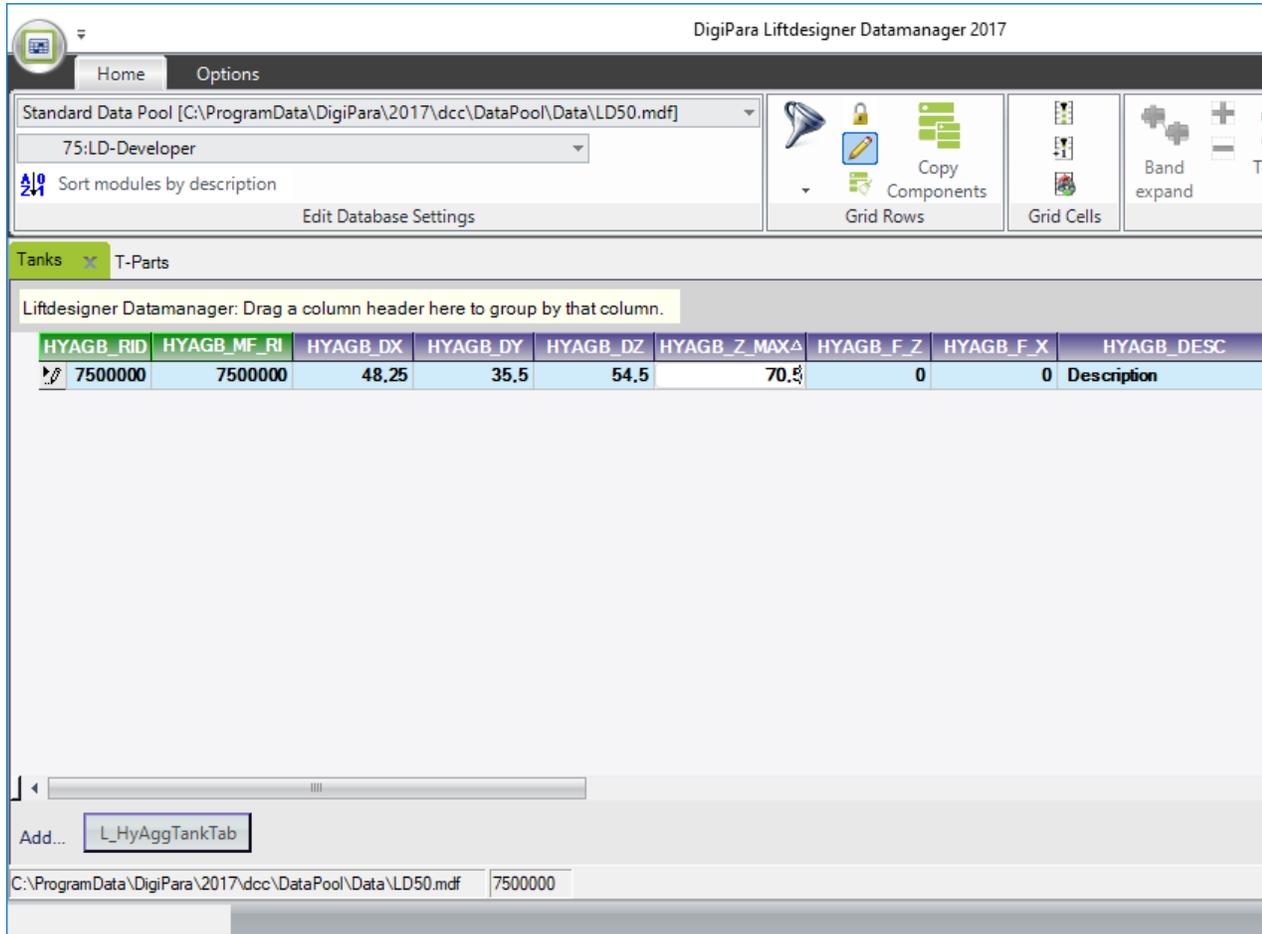
TANK WITH  
STANDARD  
GEOMETRY

✓ Define your Parameters

# Define your Parameters

## PL6.2 PRACTICE 1: TANK WITH STANDARD GEOMETRY

### Tank Size



DigiPara Liftdesigner Datamanager 2017

Standard Data Pool [C:\ProgramData\DigiPara\2017\dcc\DataPool\Data\LD50.mdf]

75:LD-Developer

Sort modules by description

Edit Database Settings

Copy Components

Grid Rows

Grid Cells

Band expand

Tex P

V

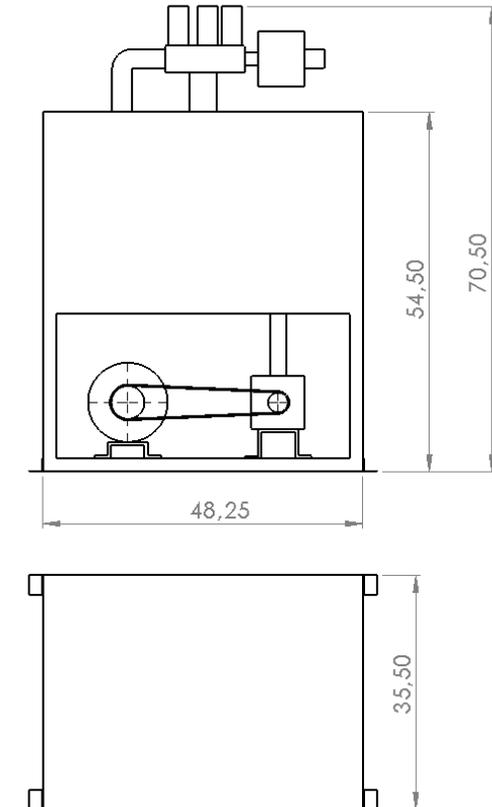
Tanks T-Parts

Liftdesigner Datamanager: Drag a column header here to group by that column.

HYAGB_RID	HYAGB_MF_RI	HYAGB_DX	HYAGB_DY	HYAGB_DZ	HYAGB_Z_MAX	HYAGB_F_Z	HYAGB_F_X	HYAGB_DESC
7500000	7500000	48,25	35,5	54,5	70,8	0	0	Description

Add... L\_HyAggTankTab

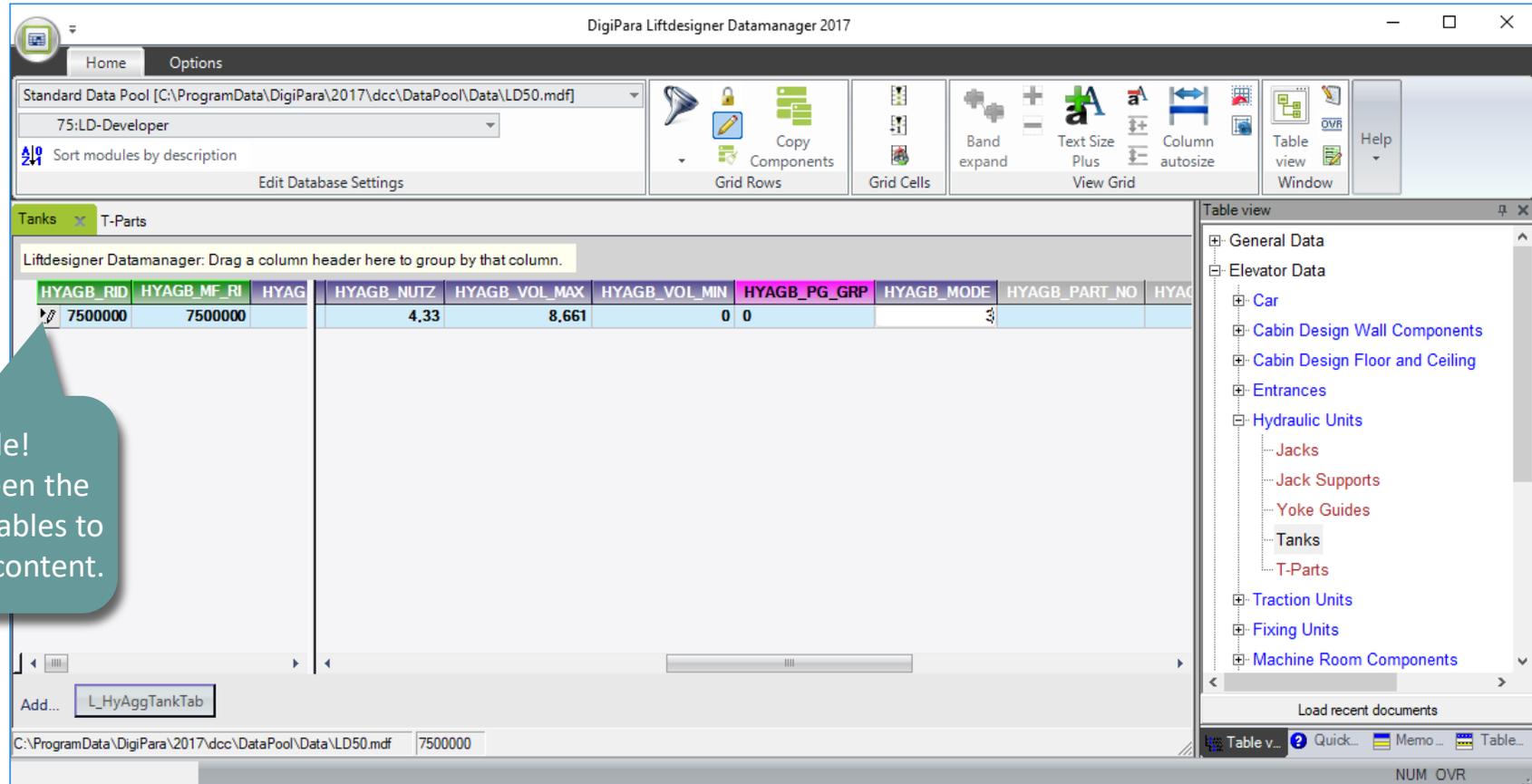
C:\ProgramData\DigiPara\2017\dcc\DataPool\Data\LD50.mdf 7500000



# Define your Parameters

PL6.2 PRACTICE 1: TANK WITH STANDARD GEOMETRY

## Tank Volume and Mode



The screenshot shows the DigiPara LiftDesigner Datamanager 2017 interface. The main window displays a data table with the following columns and values:

HYAGB_RID	HYAGB_MF_RI	HYAGB	HYAGB_NUTZ	HYAGB_VOL_MAX	HYAGB_VOL_MIN	HYAGB_PG_GRP	HYAGB_MODE	HYAGB_PART_NO	HYAGB
7500000	7500000		4.33	8.661	0	0			

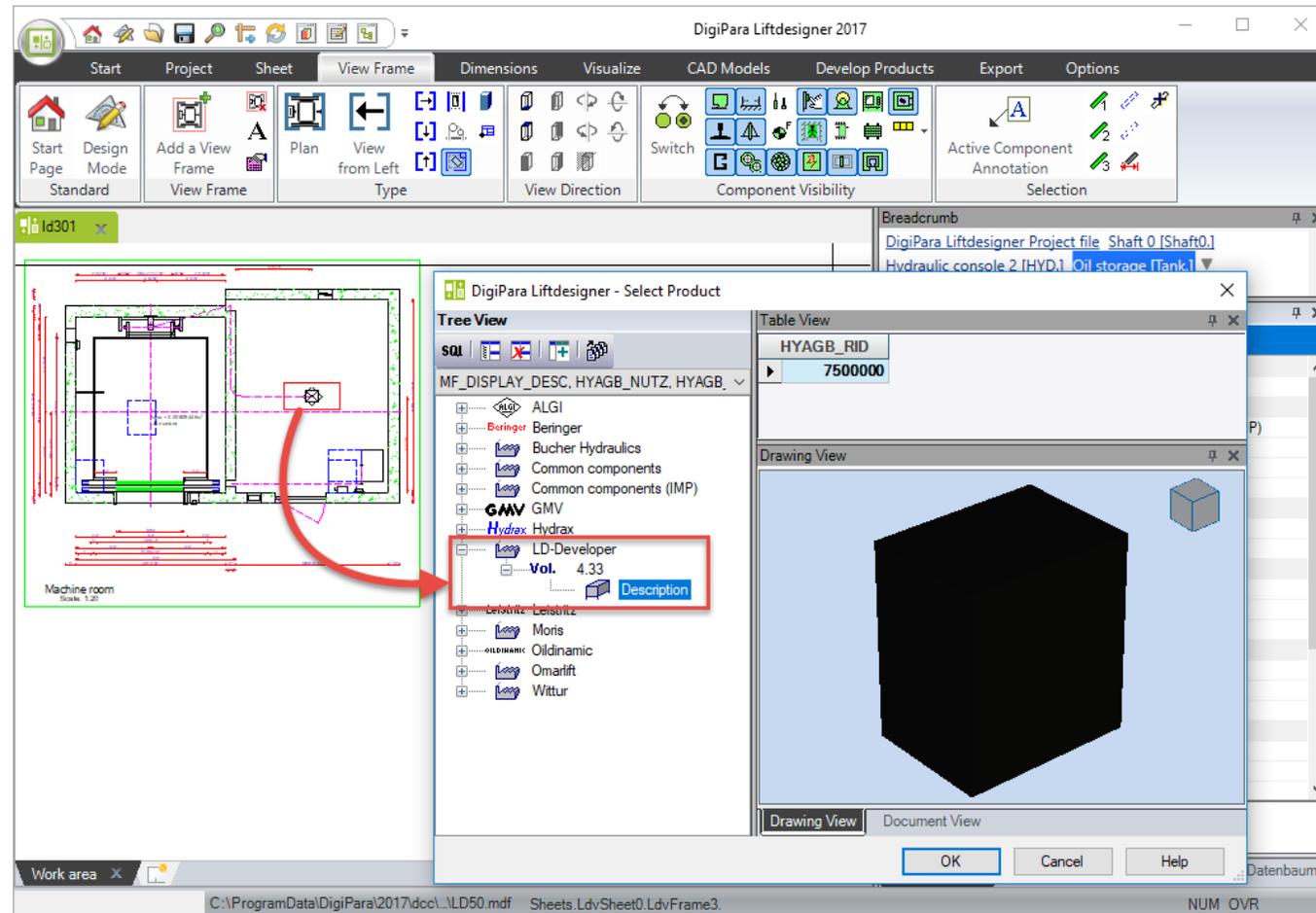
A callout bubble on the left side of the table contains the text: "Edit Mode! Switch between the opened data tables to save the new content." The right sidebar shows a tree view of the project structure, including "General Data", "Elevator Data", "Car", "Cabin Design Wall Components", "Cabin Design Floor and Ceiling", "Entrances", "Hydraulic Units", "Jacks", "Jack Supports", "Yoke Guides", "Tanks", "T-Parts", "Traction Units", "Fixing Units", and "Machine Room Components". The "Tanks" folder is currently selected.

✓ Load your edited BIM Component

# Load your edited BIM Component

PL6.2 PRACTICE 1: TANK WITH STANDARD GEOMETRY

... in DigiPara Liftdesigner



 digipara® liftdesigner

Let's have a break!



# PL6.3

Practice 2: Tank without  
Standard Geometry  
Typical Processes



TANK  
WITHOUT  
STANDARD

✓ Set up necessary modes

# Set up necessary modes

PL6.3 PRACTICE 2: TANK WITHOUT STANDARD GEOMETRY

... to switch off the standard Lift designer Geometry

Liftdesigner Datamanager: Drag a column header here to group by that column.

ESC	HYAGB_NUTZ	HYAGB_VOL_MAX	HYAGB_VOL_MIN	HYAGB_PG_GRP	HYAGB_MODE	HYAGB_PART_NO	HYAGB_USER_PG_50	HYAGB_USER_
	4.33	8.661	0 0				0	

Modes:

- 1 Tank Position in Machine Room Centre
- 2 Tank Position on Finished Floor
- 4 Do not use Standard Geometry

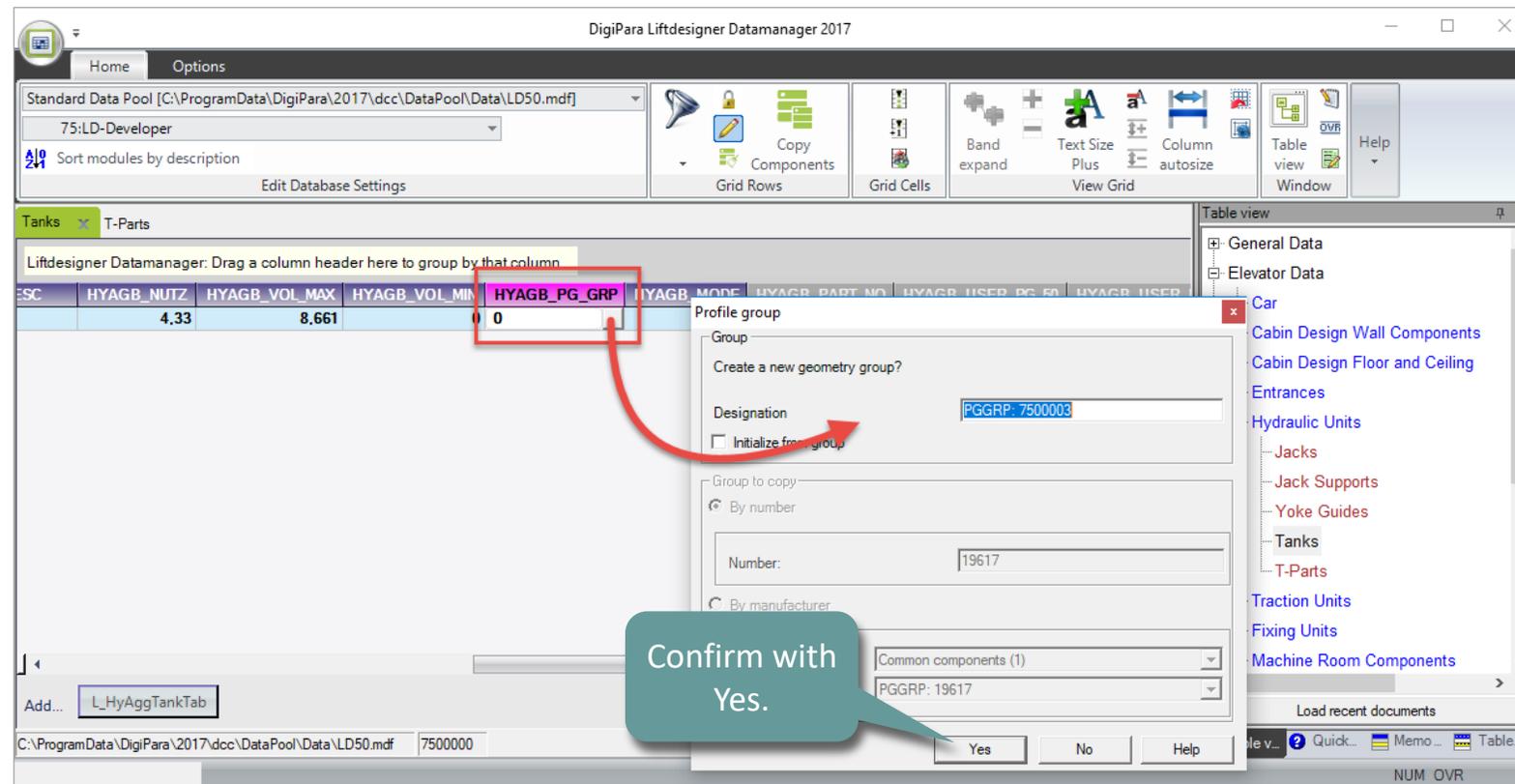
Add... L\_HyAggTankTab

✓ Create a new profile group

# Create a new profile group

PL6.3 PRACTICE 2: TANK WITHOUT STANDARD GEOMETRY

... in DigiPara Liftdesigner Datamanager



# Create a new profile group

PL6.3 PRACTICE 2: TANK WITHOUT STANDARD GEOMETRY

## Adding the first own Oil Storage Tank Profile

- ... via DigiPara Lift designer Datamanager

Without this step you'll don't see a product in DigiPara Lift designer.

Standard Data Pool [C:\ProgramData\DigiPara\2017\dcc\DataPool\Data\LD50.mdf]

75:LD-Developer

Sort modules by description

Edit Database Settings

Tanks T-Parts

Liftdesigner Datamanager: Drag a column header here to group by that column.

ESC	HYAGB_NUTZ	HYAGB_VOL_MAX	HYAGB_VOL_MIN	HYAGB_PG_GRP	HYAGB_MODE	HYAGB_PART_NO	HYAGB_USER_PG_50	HYAGB_USER
	4.33	8.661	0	7500003	7		0	

Profile group

PG_RID	PG_GRP	PG_IX	PG_P_RID	PG_R_Y_X	PG_R_Y_Y	PG_R_Y_Z	PG_R_Z_X	PG_R_Z_Y	PG_R_Z_Z	PG_X0_K0	PG_Y0
7500003	7500003		-7	0	1	0	0	0	1	0	0

Profile type

Profile type

L-Profile Square tube

I-Profile Flat bar

U-Profile Tube

Z-Profile Round bar

T-Profile Anchor rail

Value: -7

OK Cancel Help

Add L\_ProfilGrpTab

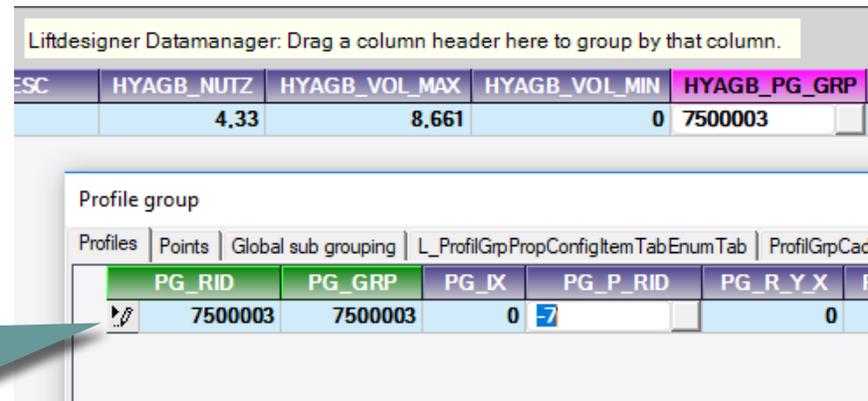
Specifying the profile type, e.g. a Flat bar profile and the profile size.

# Create a new profile group

PL6.3 PRACTICE 2: TANK WITHOUT STANDARD GEOMETRY

## Close the Profile Group Data Tables

- ... in DigiPara Liftdesigner Datamanager



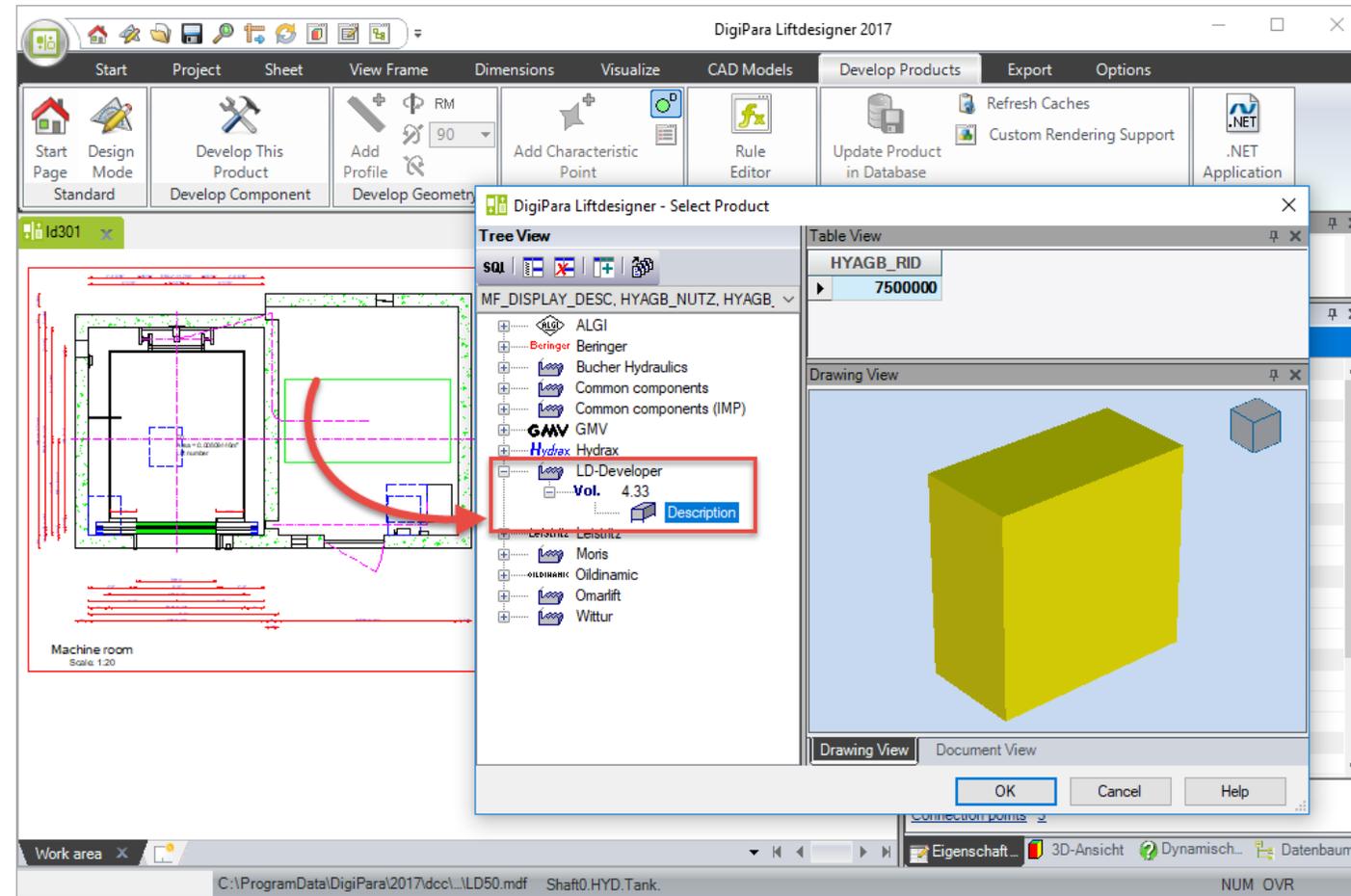
Edit Mode!  
Switch between the  
tables before you close to  
save the new content.

✓ Load your edited BIM Component

# Load your edited BIM Component

PL6.3 PRACTICE 2: TANK WITHOUT STANDARD GEOMETRY

... in DigiPara Liftdesigner

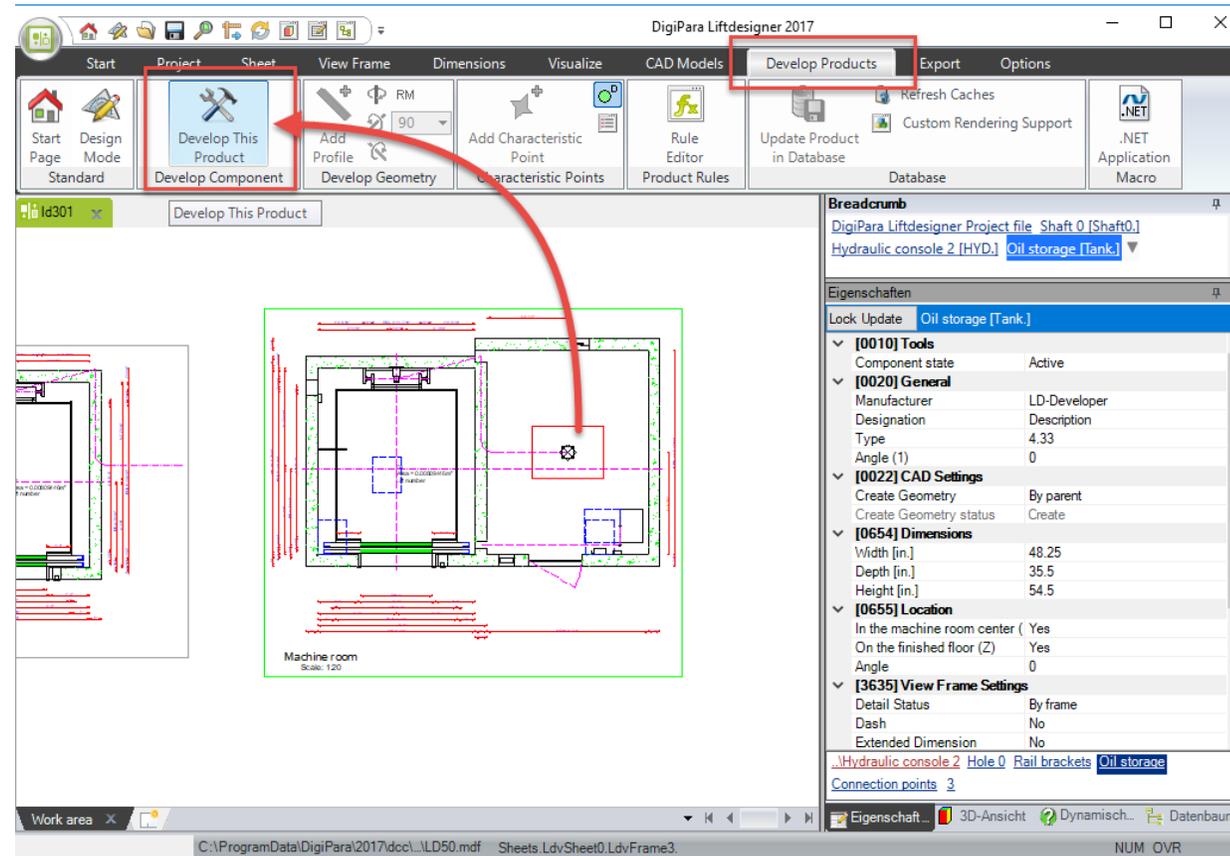


✓ Load the Developer Work Area

# Load the Developer Work Area

## PL6.3 PRACTICE 2: TANK WITHOUT STANDARD GEOMETRY

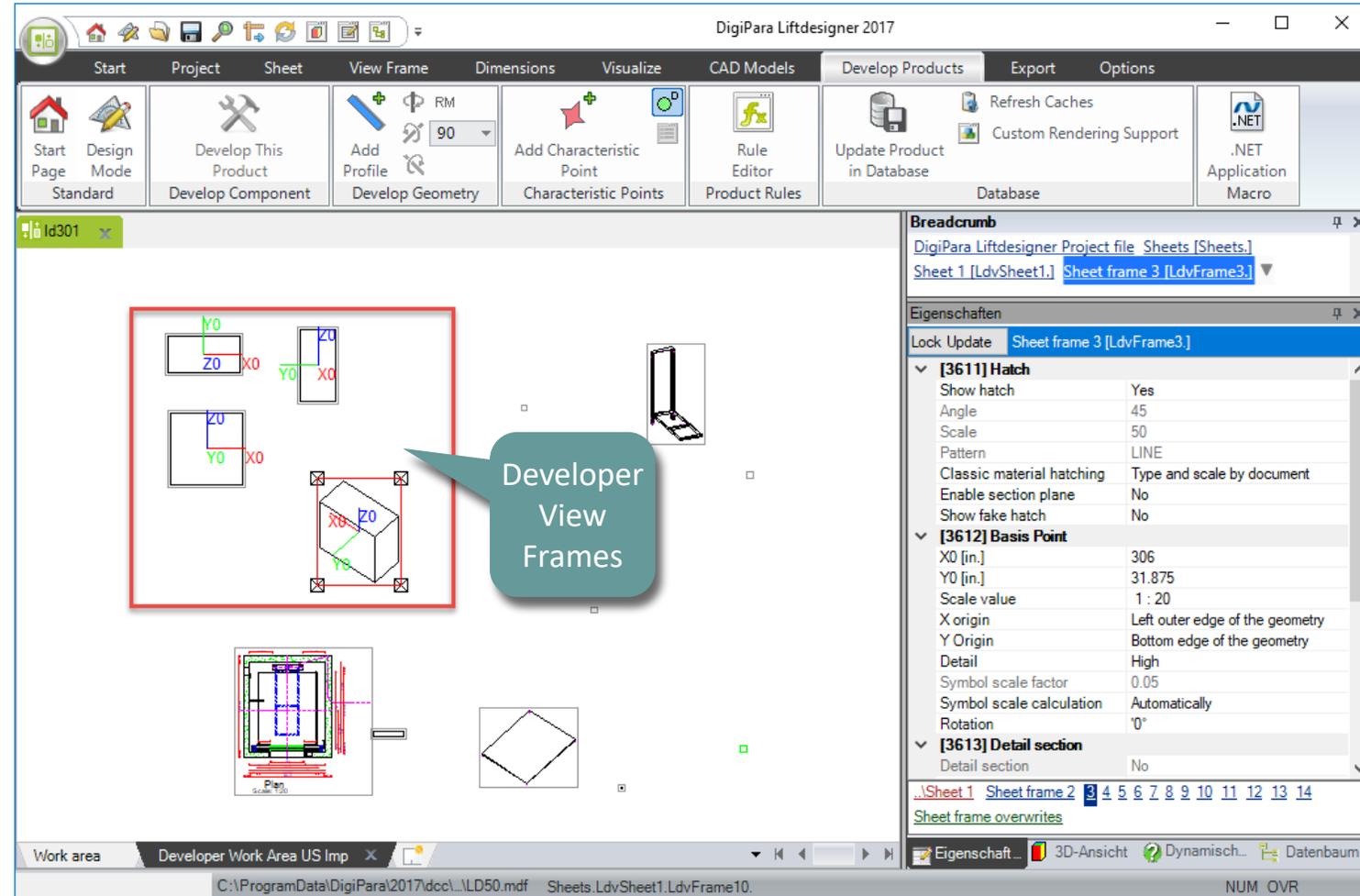
Select your component in one view frame and click on the Develop This Product button.



# Load the Developer Work Area

PL6.3 PRACTICE 2: TANK WITHOUT STANDARD GEOMETRY

The Developer Work Area is automatically opened.



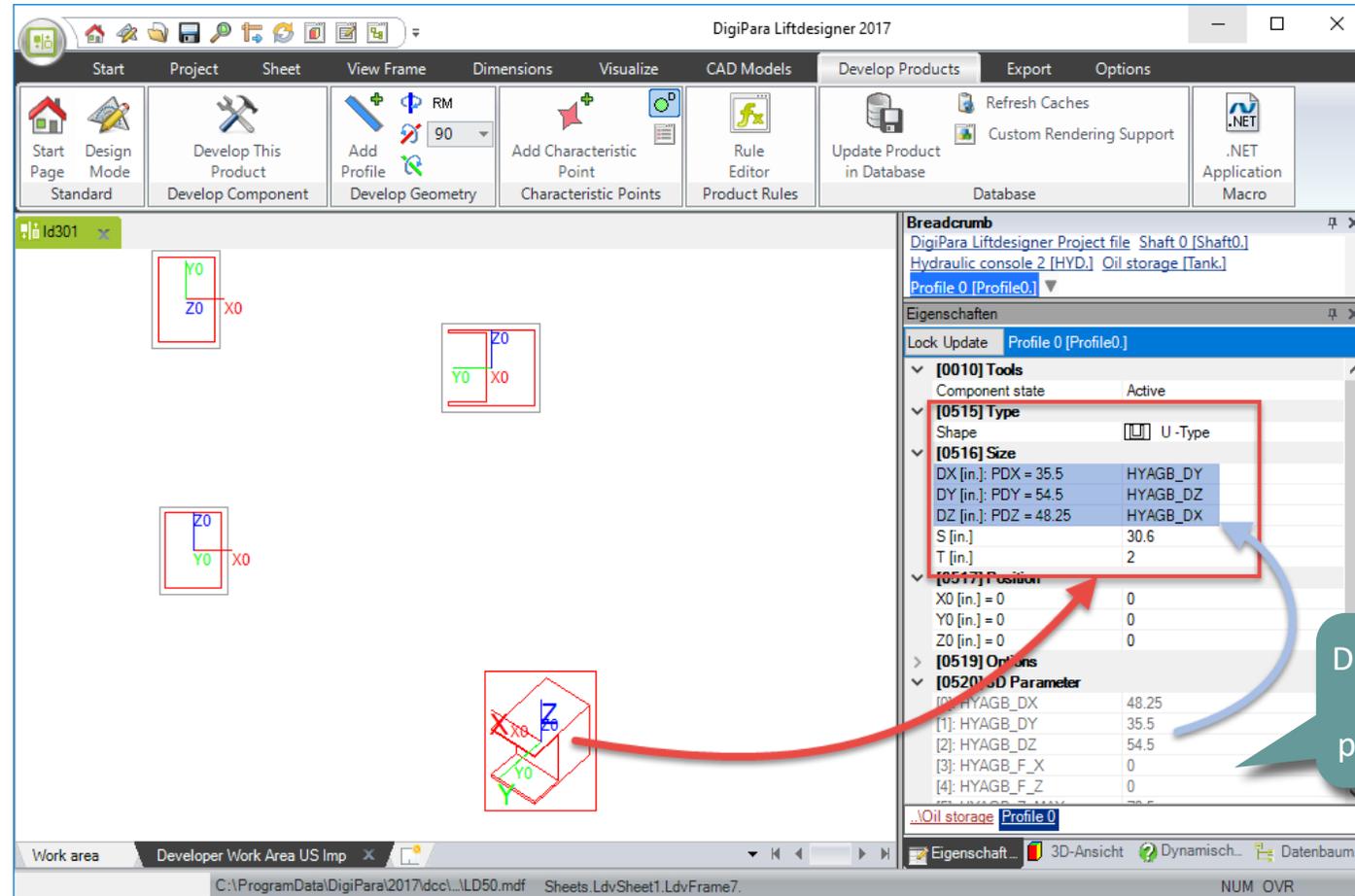
✓ Modify the simplified 3D Geometry

# Modify the simplified 3D Geometry

PL6.3 PRACTICE 2: TANK WITHOUT STANDARD GEOMETRY

## Change the Profile Shape and define the Size

- ... using the existing Datamanager Parameters

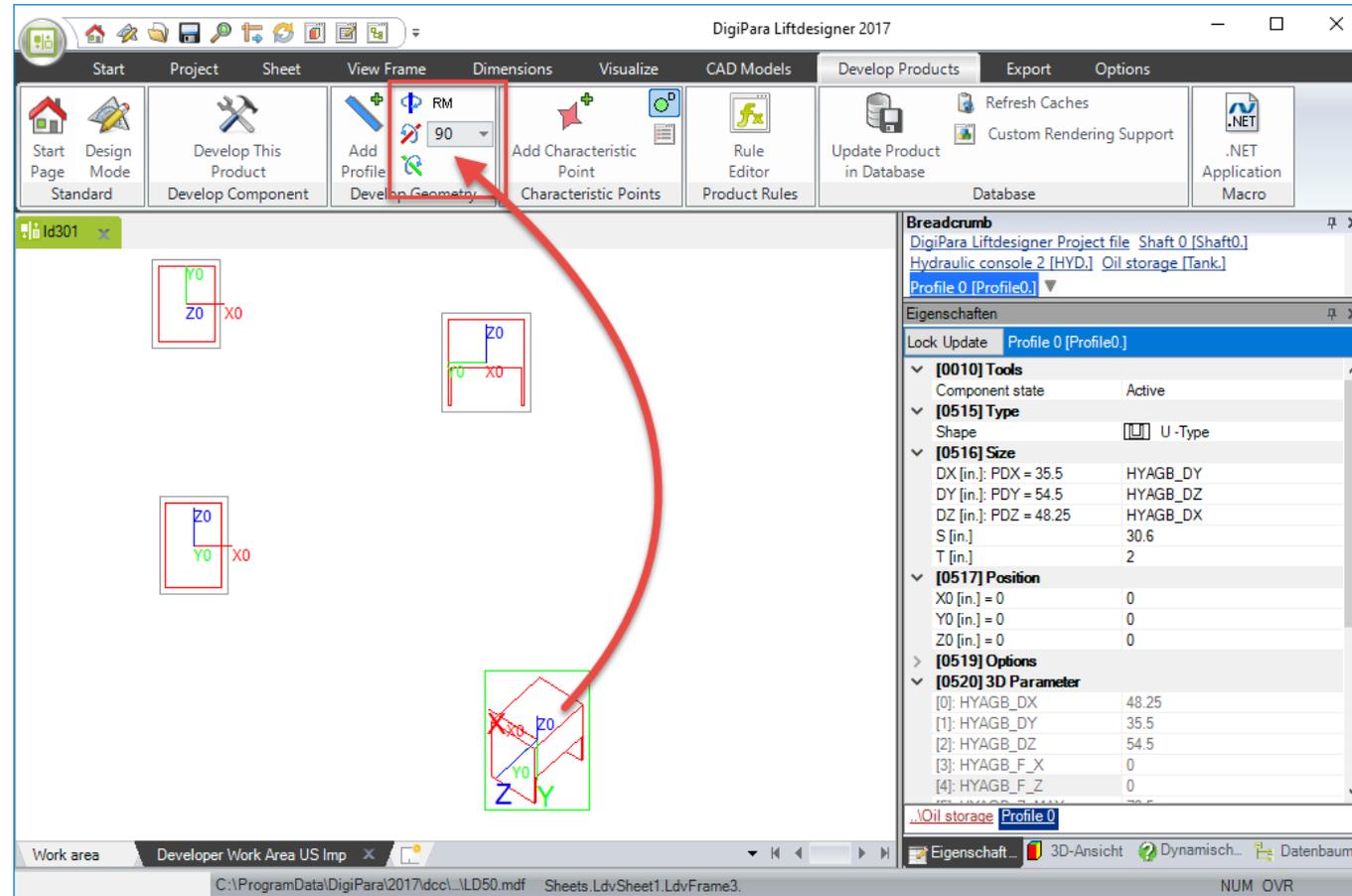


# Modify the simplified 3D Geometry

PL6.3 PRACTICE 2: TANK WITHOUT STANDARD GEOMETRY

## Rotate your Profile

- ... using the X-, Y-, Z-Axis

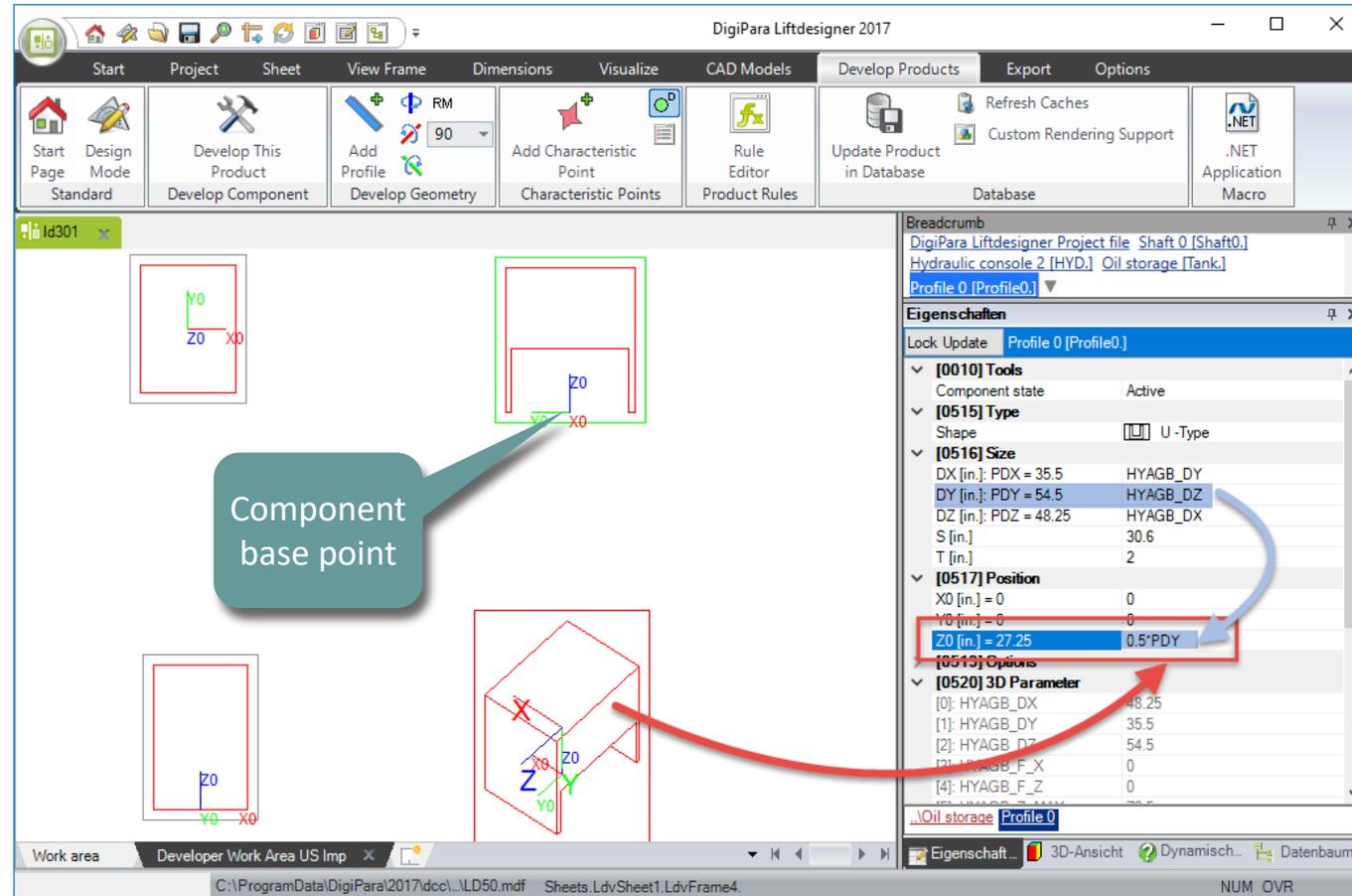


# Modify the simplified 3D Geometry

PL6.3 PRACTICE 2: TANK WITHOUT STANDARD GEOMETRY

## Define the Profile Position

- ... using a Formula

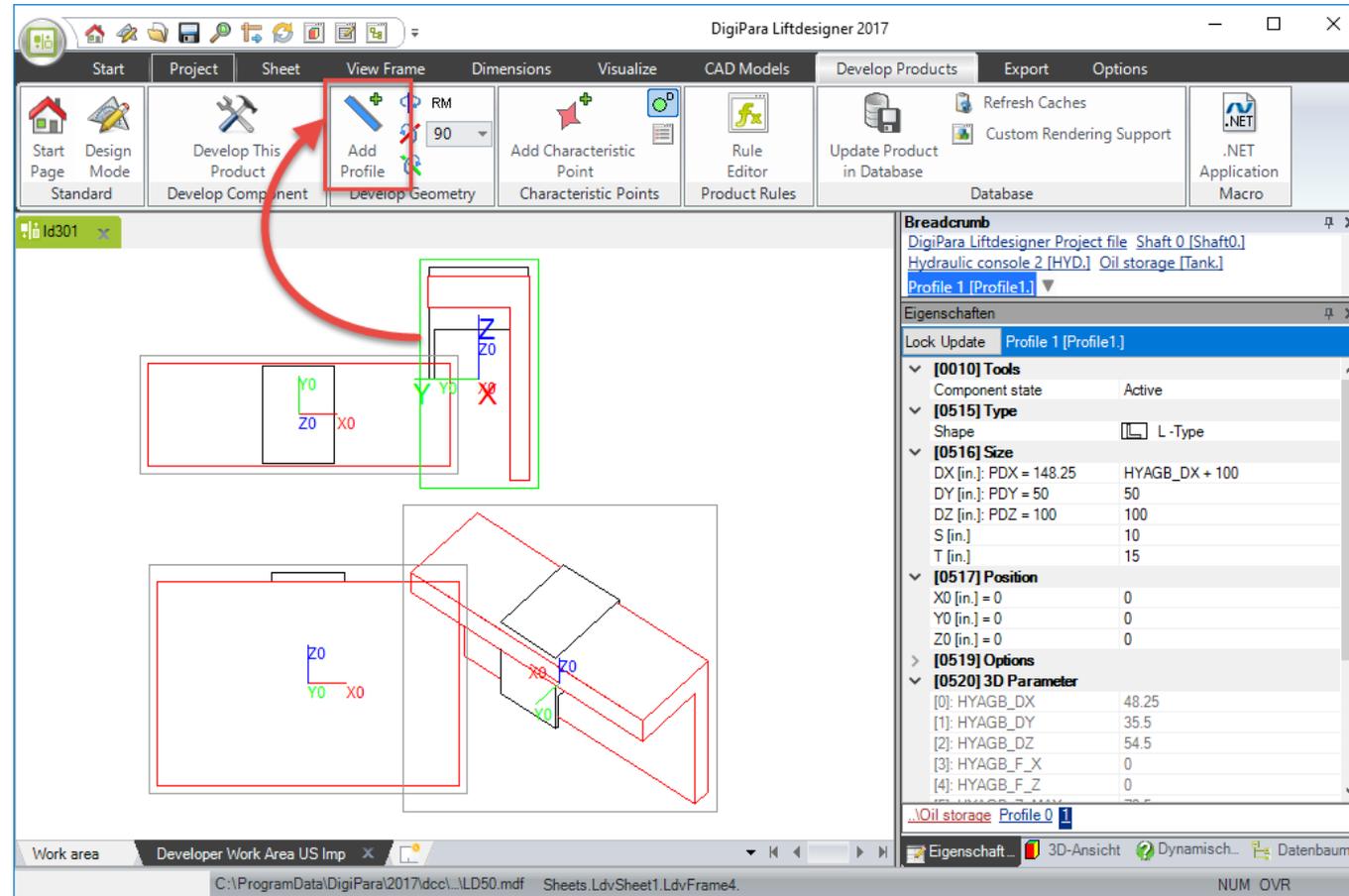


# Modify the simplified 3D Geometry

PL6.3 PRACTICE 2: TANK WITHOUT STANDARD GEOMETRY

## Add a new Profile

- ... in DigiPara Liftdesigner

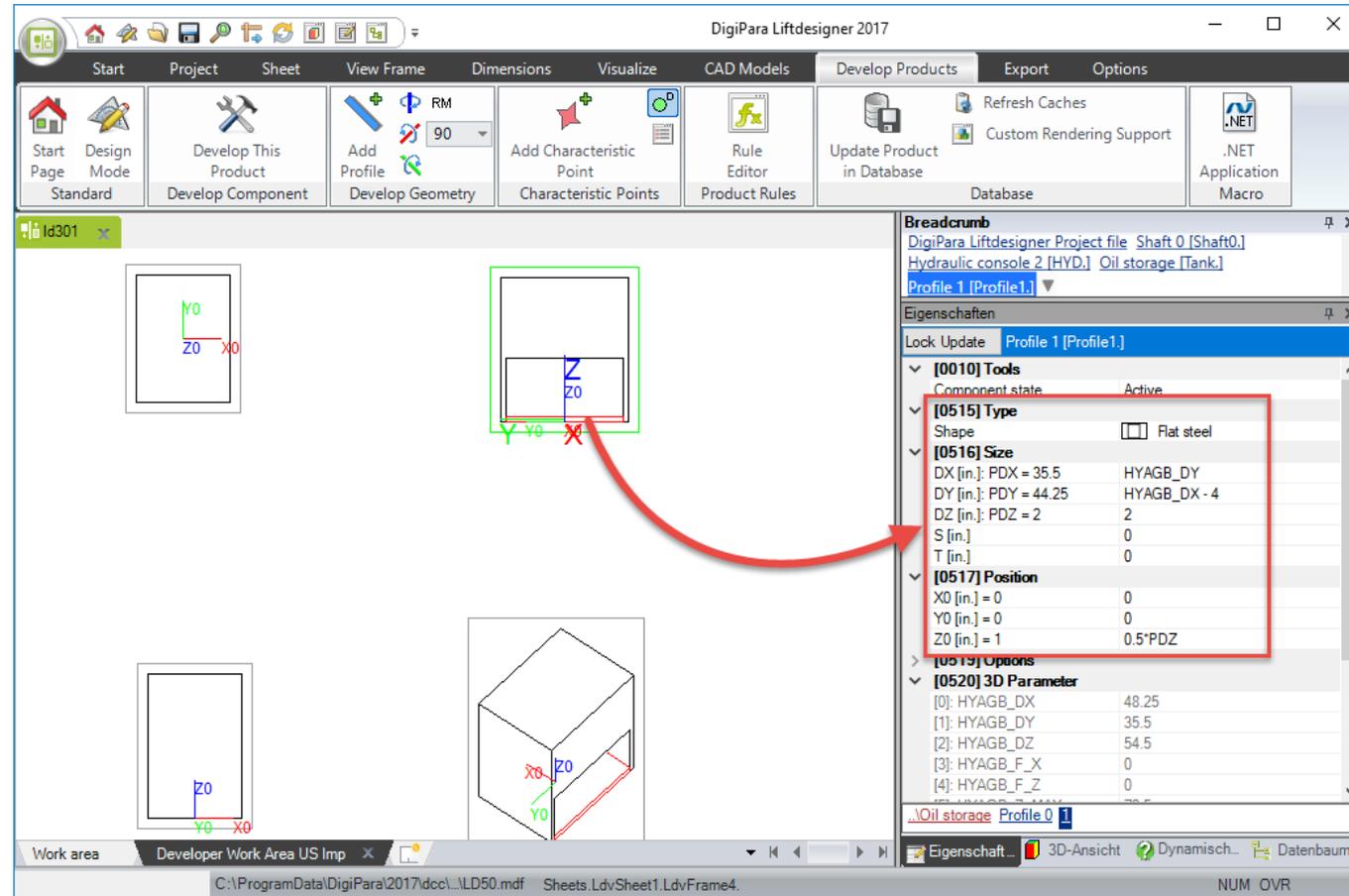


# Modify the simplified 3D Geometry

PL6.3 PRACTICE 2: TANK WITHOUT STANDARD GEOMETRY

Change the Shape, define the Size and Position

- ... using the existing Datamanager Parameters



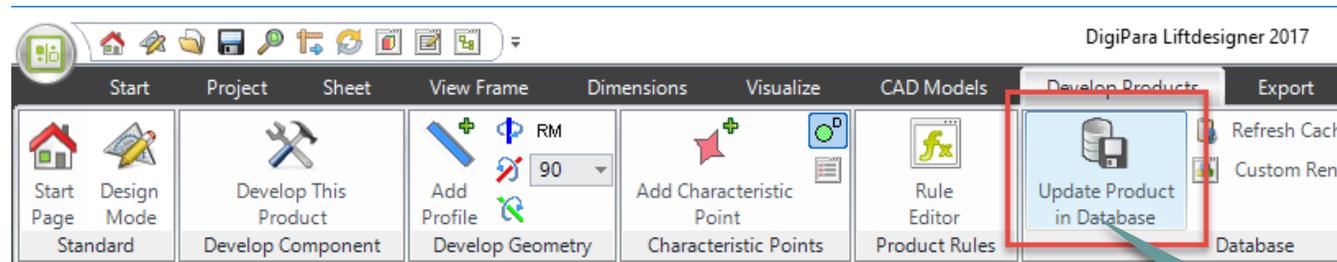
✓ Save the Component

# Save the BIM Component

PL6.3 PRACTICE 2: TANK WITHOUT STANDARD GEOMETRY

## Save the BIM Component back into the DigiPara BIM Library

- Updating / saving the modifications in the DigiPara Liftdesigner Datamanager after developing a simplified geometry in the DigiPara Liftdesigner window application.



Make your changes permanent in the database.

# PL6.4

Optional Steps

OPTIONAL  
STEPS

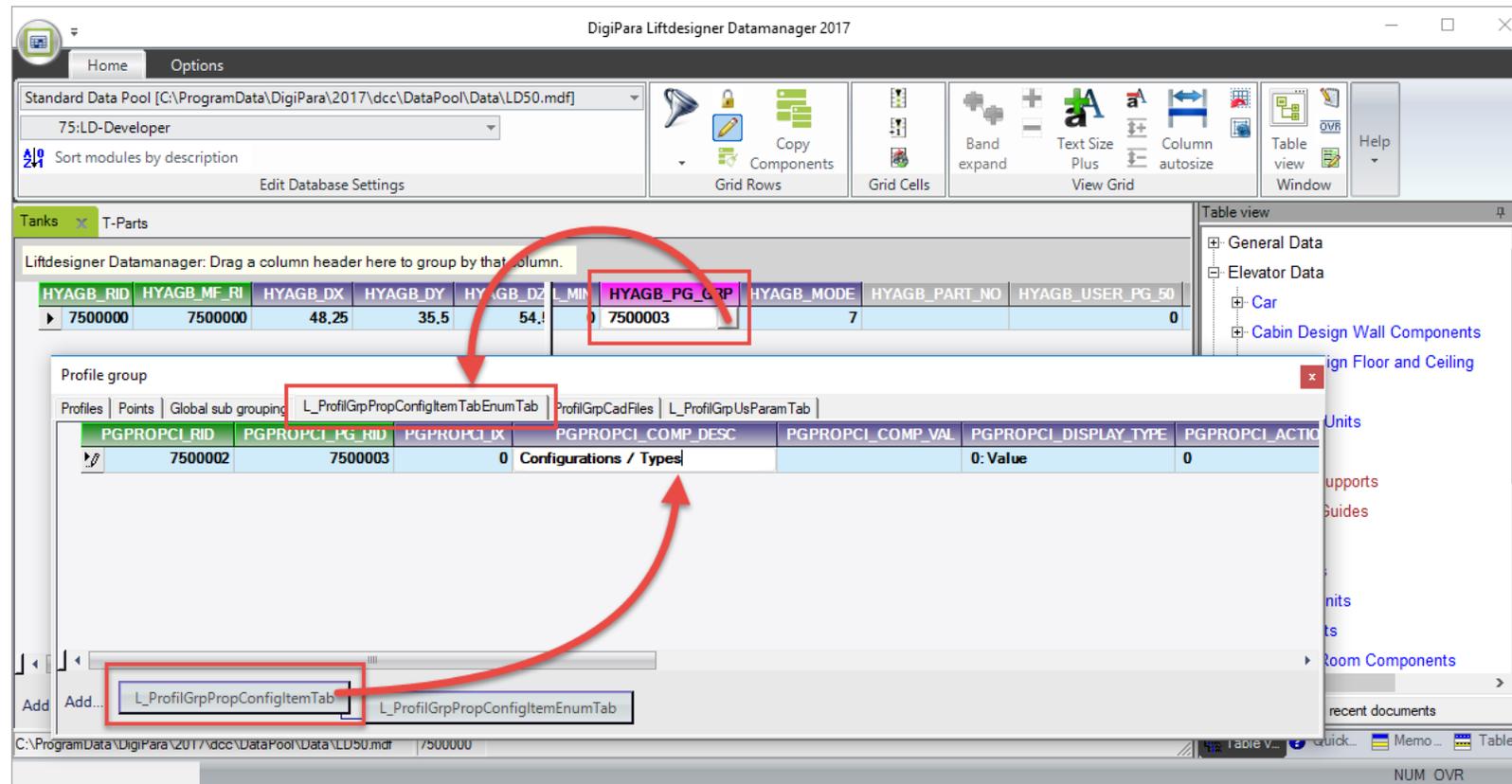


✓ Add dynamic Properties

# Add dynamic Properties

PL6.4 OPTIONAL STEPS

... in DigiPara LiftDesigner Datamanager using your Profile Group

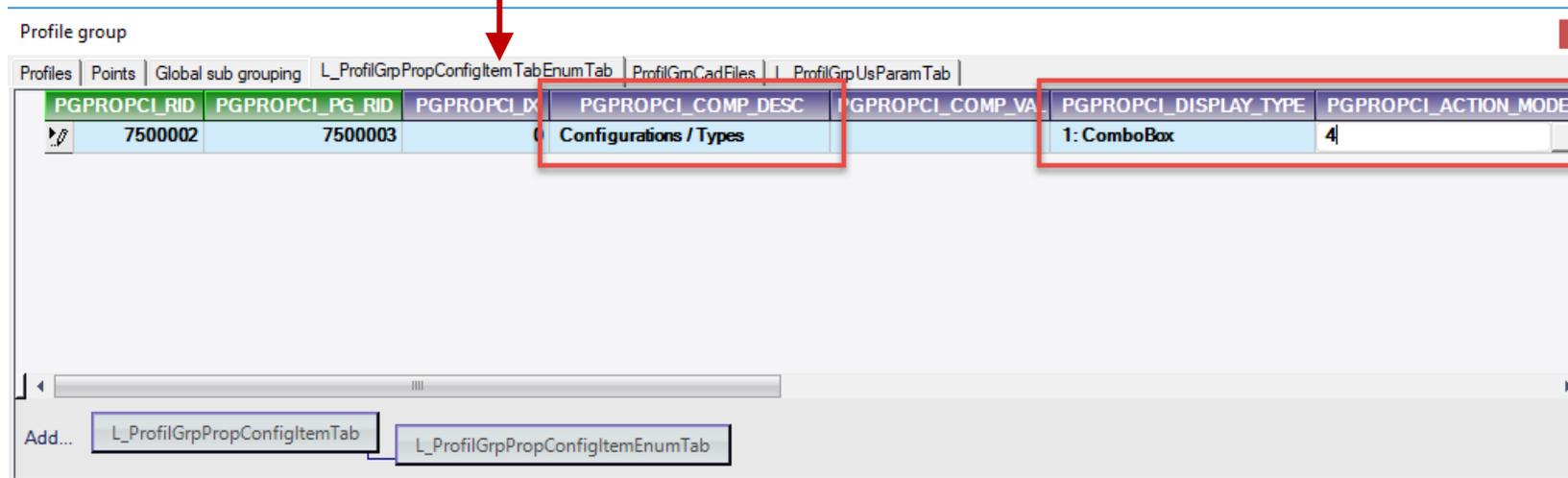


# Add dynamic Properties

## PL6.4 OPTIONAL STEPS

Fill in the necessary data

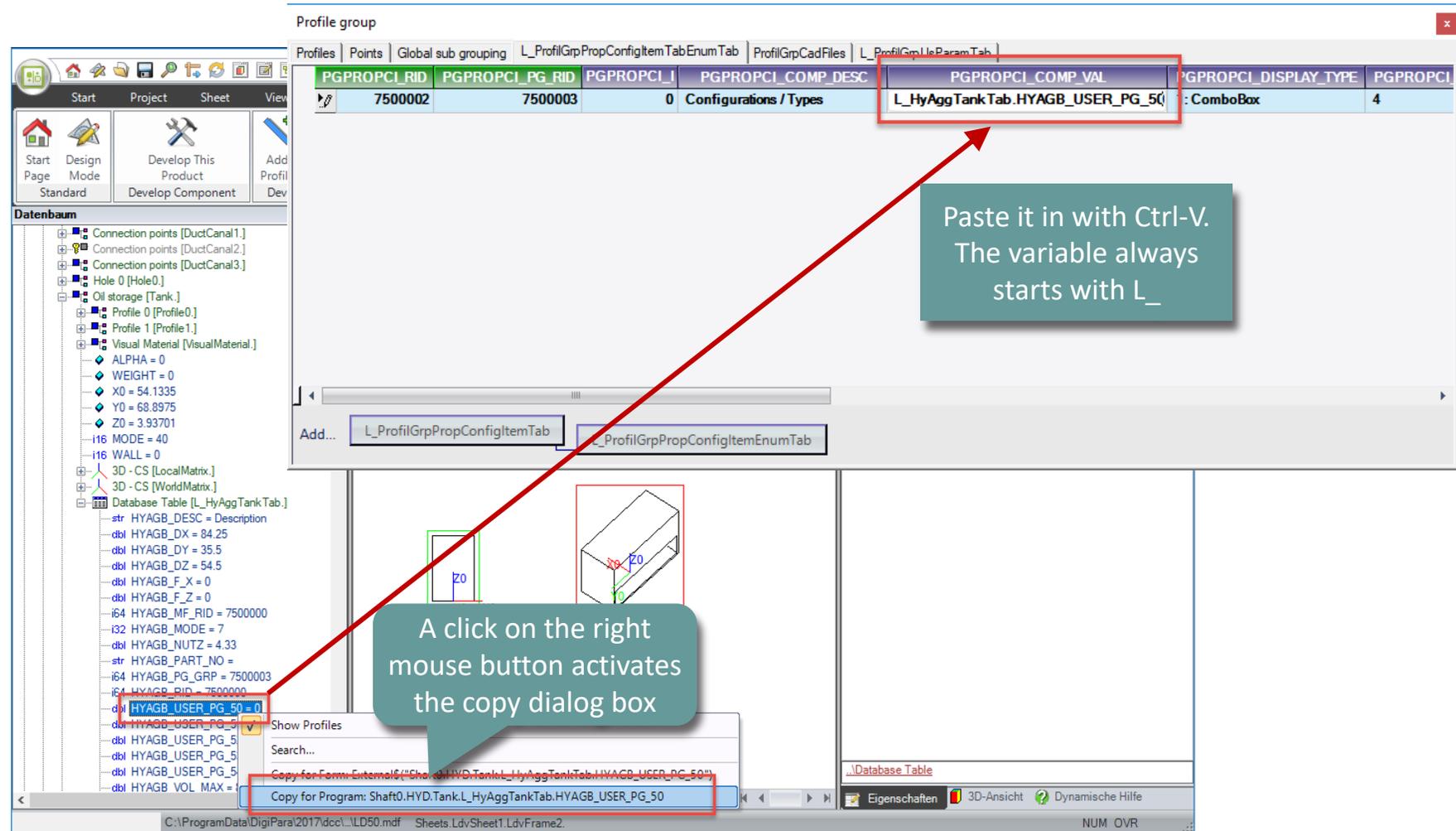
Hint: The new content is stored in the database by a second click on the current tab.



# Add dynamic Properties

PL6.4 OPTIONAL STEPS

Copy a free user variable from the DigiPara LiftDesigner Data tree



Profile group

PGPROPCI_RID	PGPROPCI_PG_RID	PGPROPCI_I	PGPROPCI_COMP_DESC	PGPROPCI_COMP_VAL	PGPROPCI_DISPLAY_TYPE	PGPROPCI
7500002	7500003	0	Configurations / Types	L_HyAggTankTab.HYAGB_USER_PG_50	ComboBox	4

Datenbaum

- Connection points [DuctCanal1.]
- Connection points [DuctCanal2.]
- Connection points [DuctCanal3.]
- Hole 0 [Hole0.]
- Oil storage [Tank.]
  - Profile 0 [Profile0.]
  - Profile 1 [Profile1.]
  - Visual Material [VisualMaterial.]
    - ALPHA = 0
    - WEIGHT = 0
    - X0 = 54.1335
    - Y0 = 68.8975
    - Z0 = 3.93701
  - i16 MODE = 40
  - i16 WALL = 0
- 3D - CS [LocalMatrix.]
- 3D - CS [WorldMatrix.]
- Database Table [L\_HyAggTankTab.]
  - str HYAGB\_DESC = Description
  - dbl HYAGB\_DX = 84.25
  - dbl HYAGB\_DY = 35.5
  - dbl HYAGB\_DZ = 54.5
  - dbl HYAGB\_F\_X = 0
  - dbl HYAGB\_F\_Z = 0
  - i64 HYAGB\_MF\_RID = 7500000
  - i32 HYAGB\_MODE = 7
  - dbl HYAGB\_NUTZ = 4.33
  - str HYAGB\_PART\_NO =
  - i64 HYAGB\_PG\_GRP = 7500003
  - i64 HYAGB\_PG\_RID = 7500000
  - dbl HYAGB\_USER\_PG\_50 = 0
  - dbl HYAGB\_USER\_PG\_5
  - dbl HYAGB\_USER\_PG\_5
  - dbl HYAGB\_USER\_PG\_5
  - dbl HYAGB\_USER\_PG\_5
  - dbl HYAGB\_VOL\_MAX =

Add... L\_ProfilGrpPropConfigItemTab L\_ProfilGrpPropConfigItemEnumTab

Copy for Form: ExternalS("Shaft0.HYD.Tank.L\_HyAggTankTab.HYAGB\_USER\_PG\_50")

Copy for Program: Shaft0.HYD.Tank.L\_HyAggTankTab.HYAGB\_USER\_PG\_50

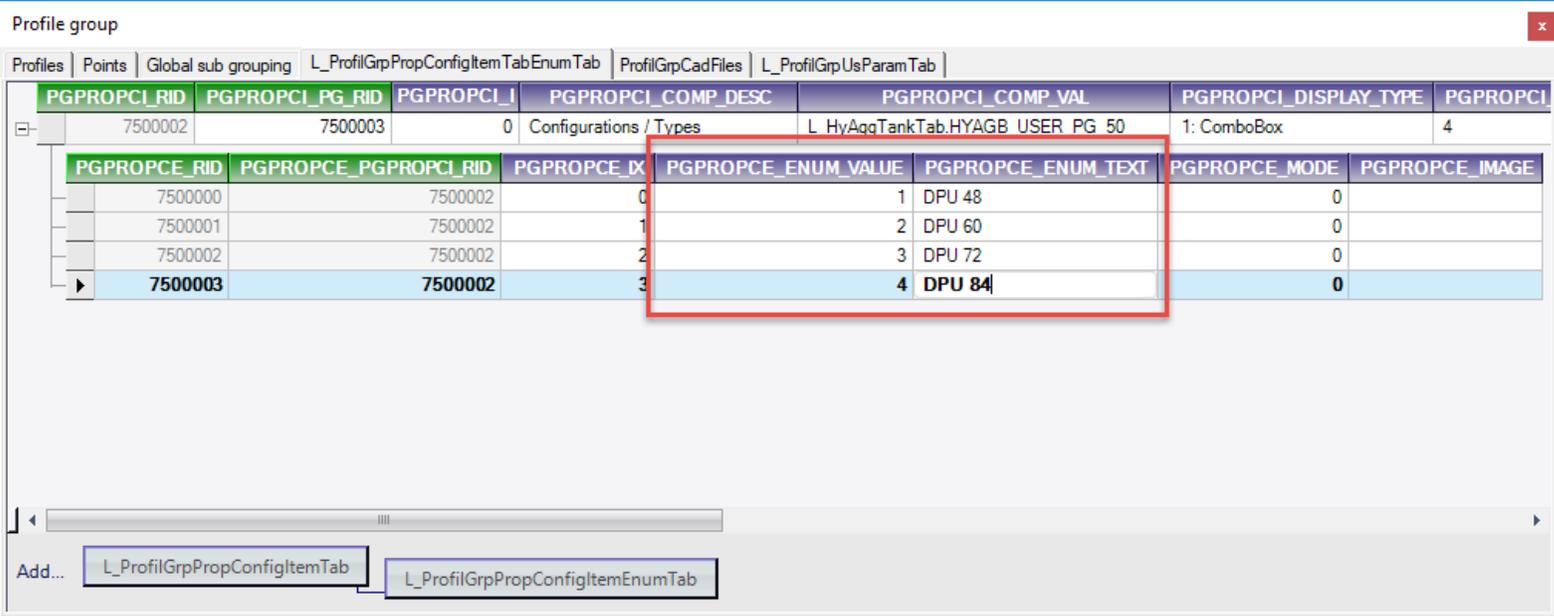
NUM OVR

# Add dynamic Properties

PL6.4 OPTIONAL STEPS

## Define your ComboBox

- ... in DigiPara Lift designer Datamanager



Profile group

PGPROPCI_RID	PGPROPCI_PG_RID	PGPROPCI_I	PGPROPCI_COMP_DESC	PGPROPCI_COMP_VAL	PGPROPCI_DISPLAY_TYPE	PGPROPCI_IMAGE
7500002	7500003	0	Configurations / Types	L HyAqTankTab.HYAGB USER PG 50	1: ComboBox	4
PGPROPCE_RID	PGPROPCE_PGPROPCI_RID	PGPROPCE_I	PGPROPCE_ENUM_VALUE	PGPROPCE_ENUM_TEXT	PGPROPCE_MODE	PGPROPCE_IMAGE
7500000	7500002	0		1 DPU 48	0	
7500001	7500002	1		2 DPU 60	0	
7500002	7500002	2		3 DPU 72	0	
<b>7500003</b>	<b>7500002</b>	<b>3</b>		<b>4 DPU 84</b>	<b>0</b>	

Add... L\_ProfilGrpPropConfigItemTab L\_ProfilGrpPropConfigItemEnumTab

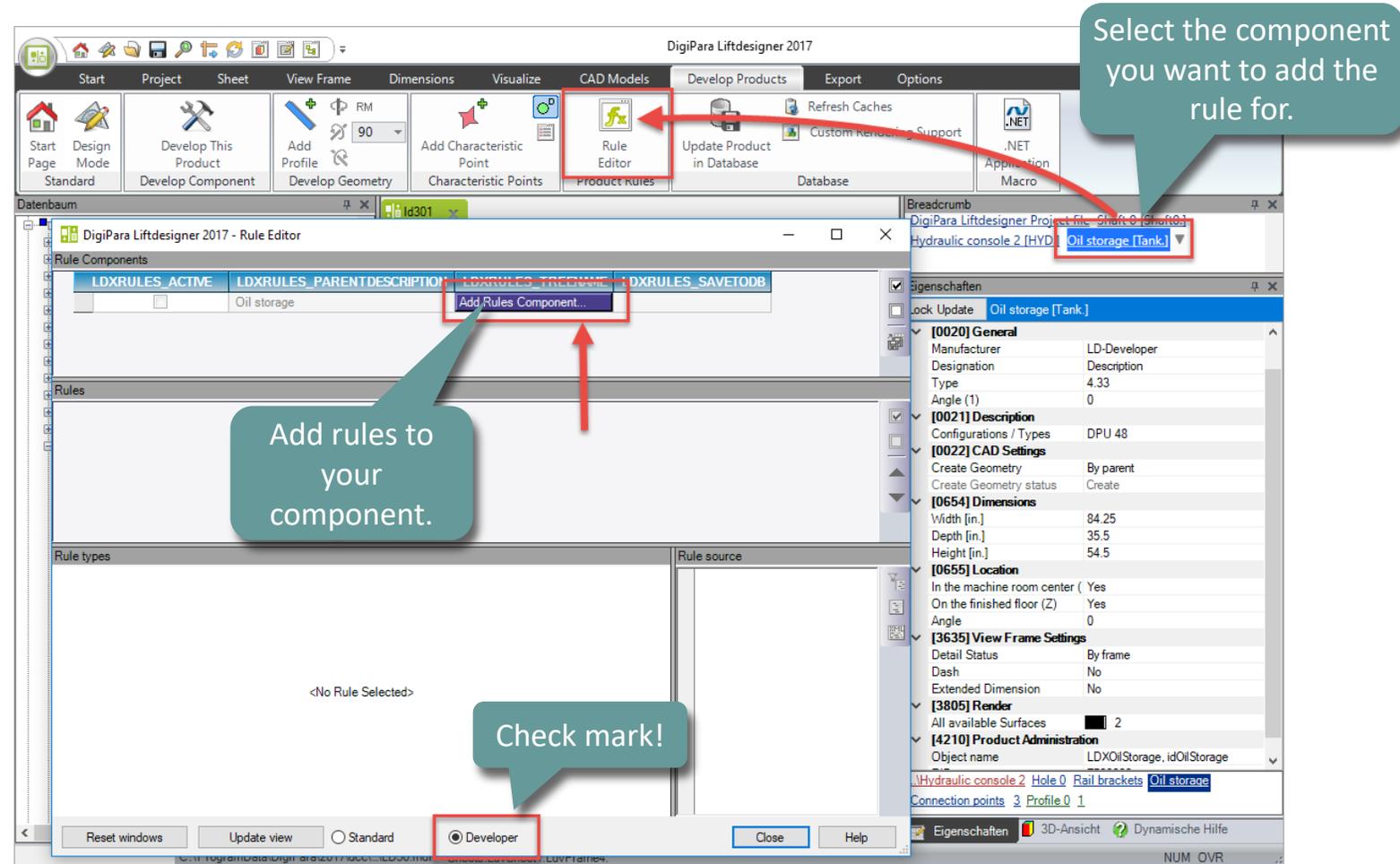
✓ Define dynamic Rules

# Define dynamic BIM Component Rules

PL6.4 OPTIONAL STEPS

## Create a dynamic Rule

- ... in DigiPara LiftDesigner using the Rule Editor

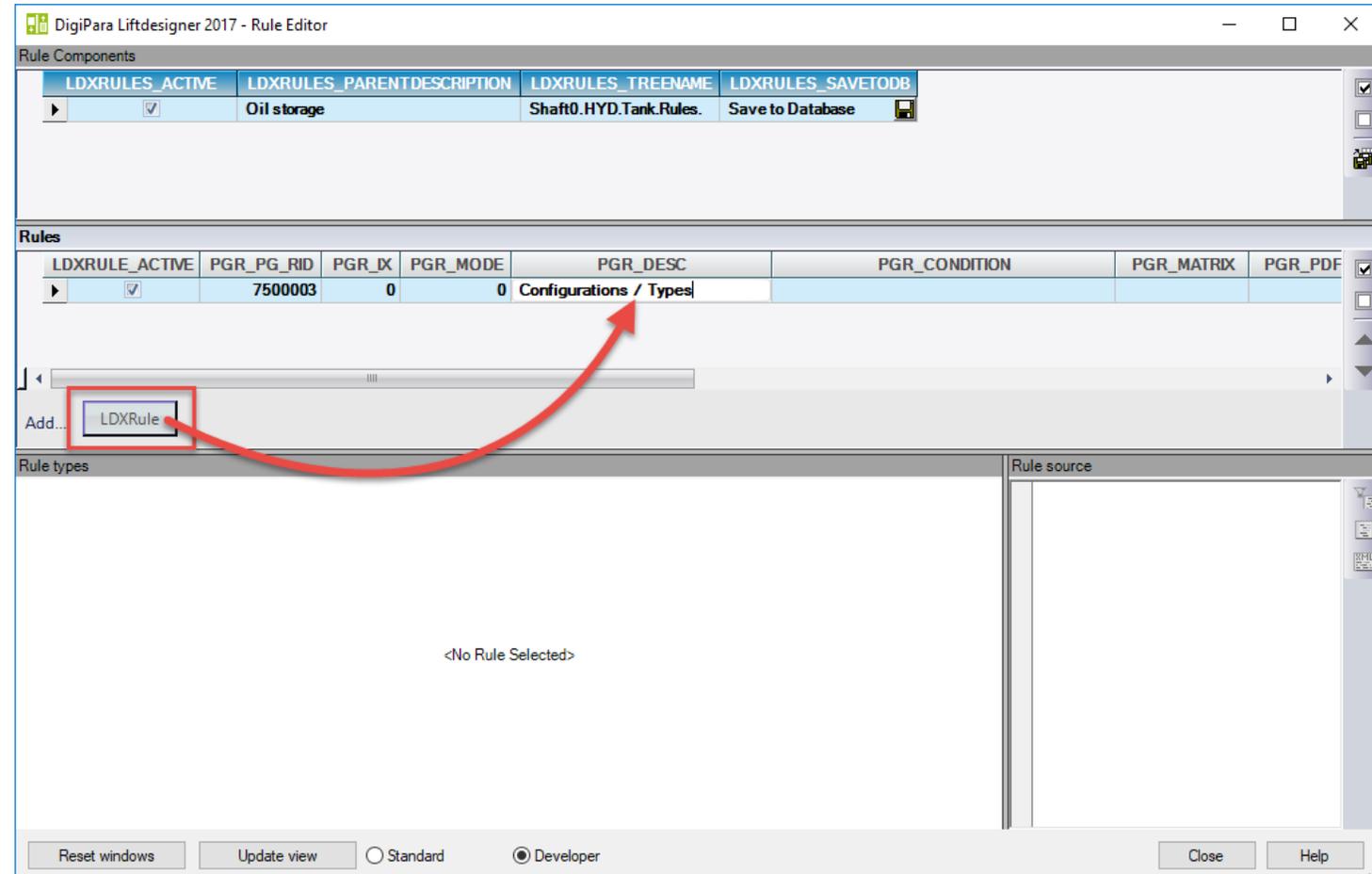


# Define dynamic BIM Component Rules

PL6.4 OPTIONAL STEPS

## Create a dynamic Rule

- ... add a new LDXRule and fill in a suitable Description

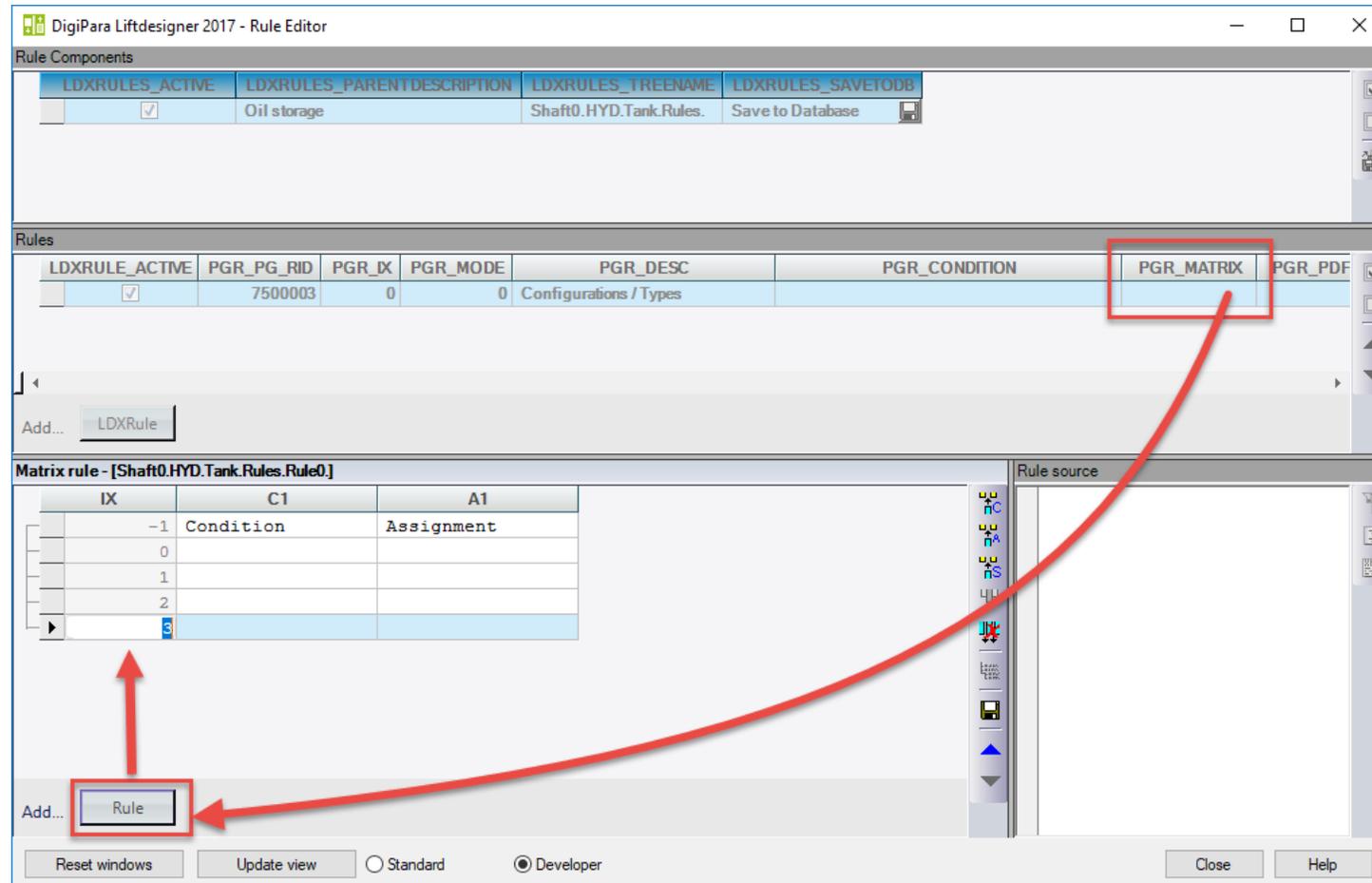


# Define dynamic BIM Component Rules

PL6.4 OPTIONAL STEPS

## Rule the Rule Types

- ... using PGR\_MATRIX



# Define dynamic BIM Component Rules

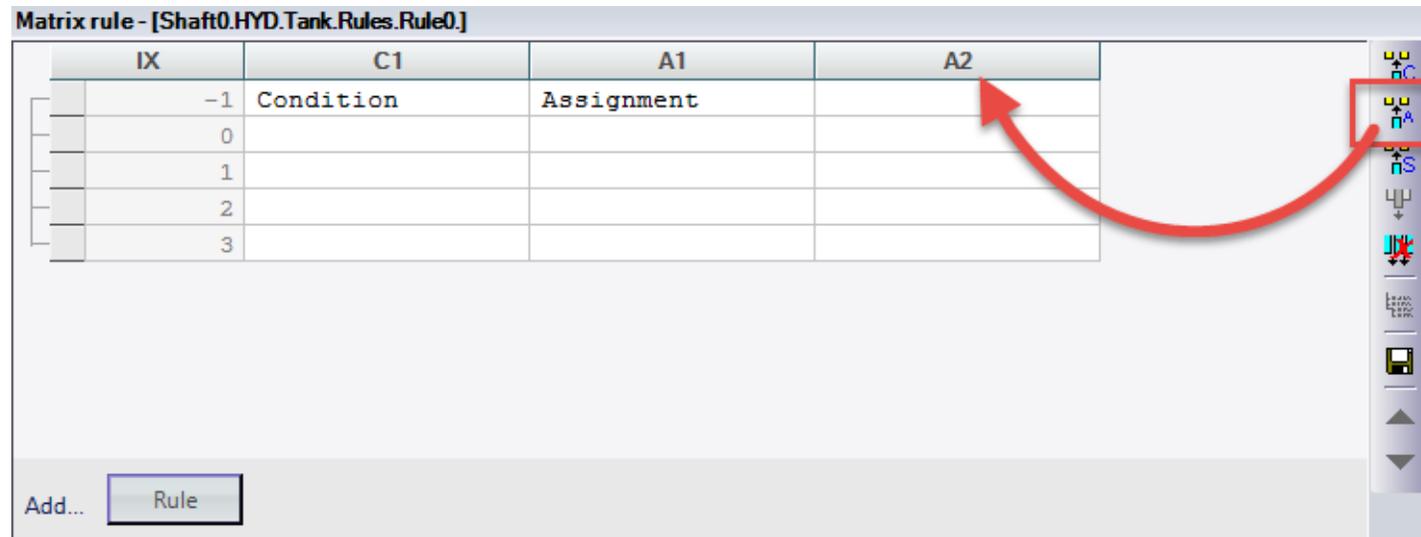
PL6.4 OPTIONAL STEPS

## Add a new Assignment

Matrix rule - [Shaft0.HYD.Tank.Rules.Rule0]

IX	C1	A1	A2
-1	Condition	Assignment	
0			
1			
2			
3			

Add...

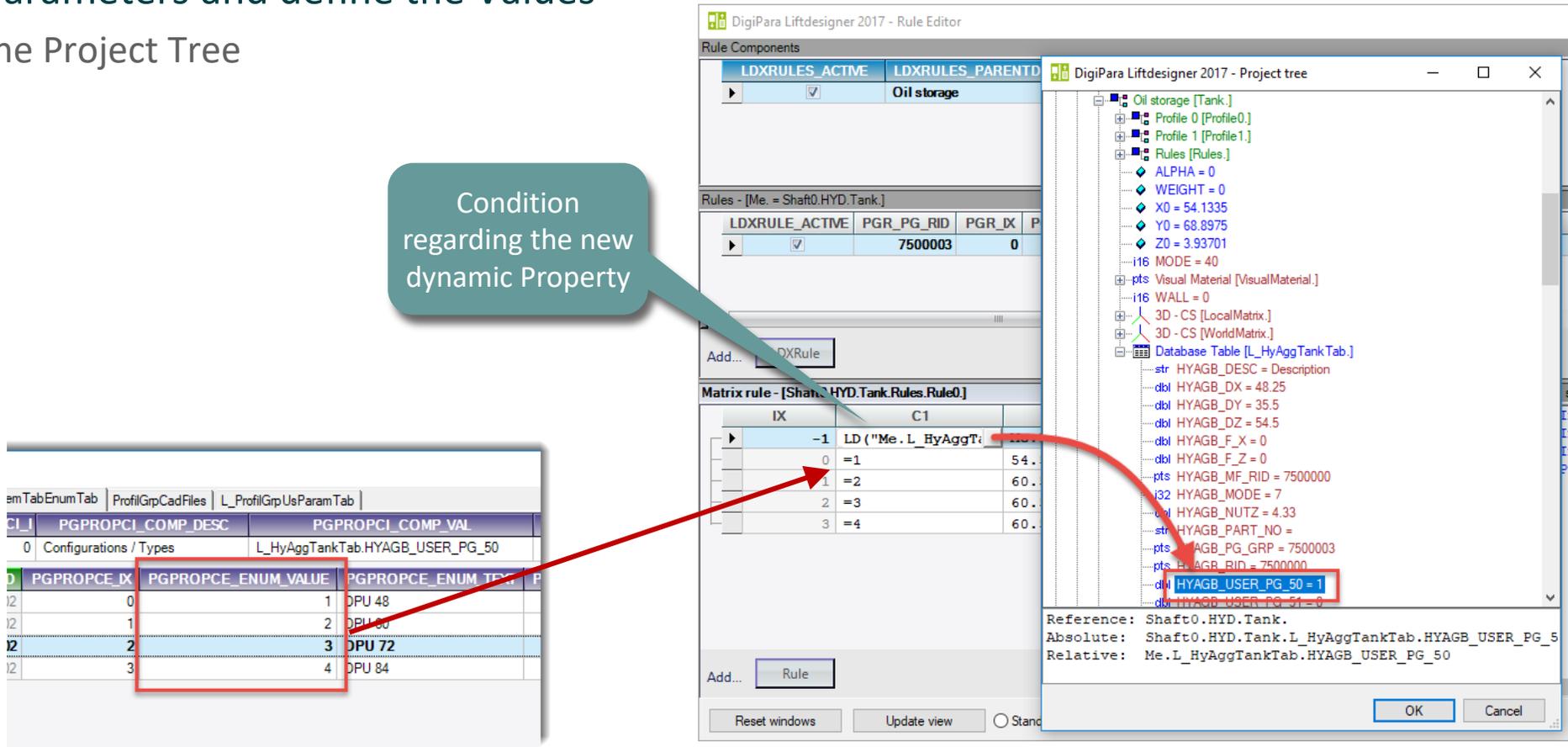


# Define dynamic BIM Component Rules

PL6.4 OPTIONAL STEPS

## Assign the Parameters and define the Values

- ... using the Project Tree



Condition regarding the new dynamic Property

PGPROPCE_IDX	PGPROPCE_ENUM_VALUE	PGPROPCE_ENUM_TXT
0	1	DPU 48
1	2	DPU 60
2	3	DPU 72
3	4	DPU 84

Matrix rule - [Shaft0.HYD.Tank.Rules.Rule0.]

IX	C1	
-1	LD ("Me . L_HyAggT...	
0	=1	54 .
1	=2	60 .
2	=3	60 .
3	=4	60 .

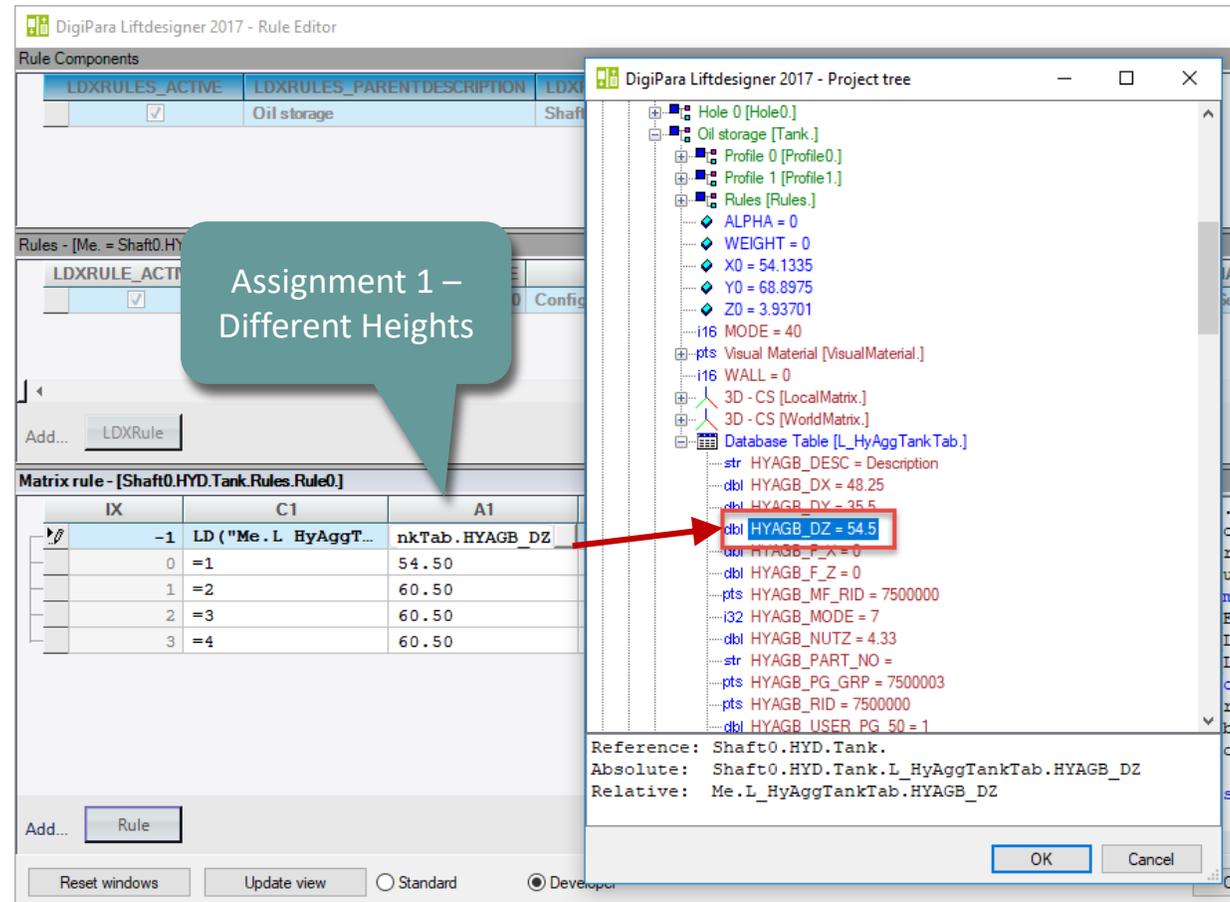
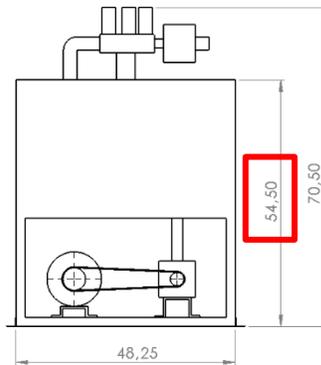
Reference: Shaft0.HYD.Tank.  
Absolute: Shaft0.HYD.Tank.L\_HyAggTankTab.HYAGB\_USER\_PG\_50  
Relative: Me.L\_HyAggTankTab.HYAGB\_USER\_PG\_50

# Define dynamic BIM Component Rules

PL6.4 OPTIONAL STEPS

## Assign the Parameters and define the Values

- ... using the Project Tree



Assignment 1 – Different Heights

IX	C1	A1
-1	LD ("Me. L. HyAggT...	nkTab.HYAGB_DZ
0	=1	54.50
1	=2	60.50
2	=3	60.50
3	=4	60.50

Project tree parameters:

- ALPHA = 0
- WEIGHT = 0
- X0 = 54.1335
- Y0 = 68.8975
- Z0 = 3.93701
- MODE = 40
- Visual Material [VisualMaterial.]
- WALL = 0
- 3D - CS [LocalMatrix.]
- 3D - CS [WorldMatrix.]
- Database Table [L\_HyAggTankTab.]
- HYAGB\_DESC = Description
- HYAGB\_DX = 48.25
- HYAGB\_DY = 35.5
- HYAGB\_DZ = 54.5**
- HYAGB\_F\_Z = 0
- HYAGB\_F\_Z = 0
- HYAGB\_MF\_RID = 7500000
- HYAGB\_MODE = 7
- HYAGB\_NUTZ = 4.33
- HYAGB\_PART\_NO =
- HYAGB\_PG\_GRP = 7500003
- HYAGB\_RID = 7500000
- HYAGB\_USER\_PG\_50 = 1

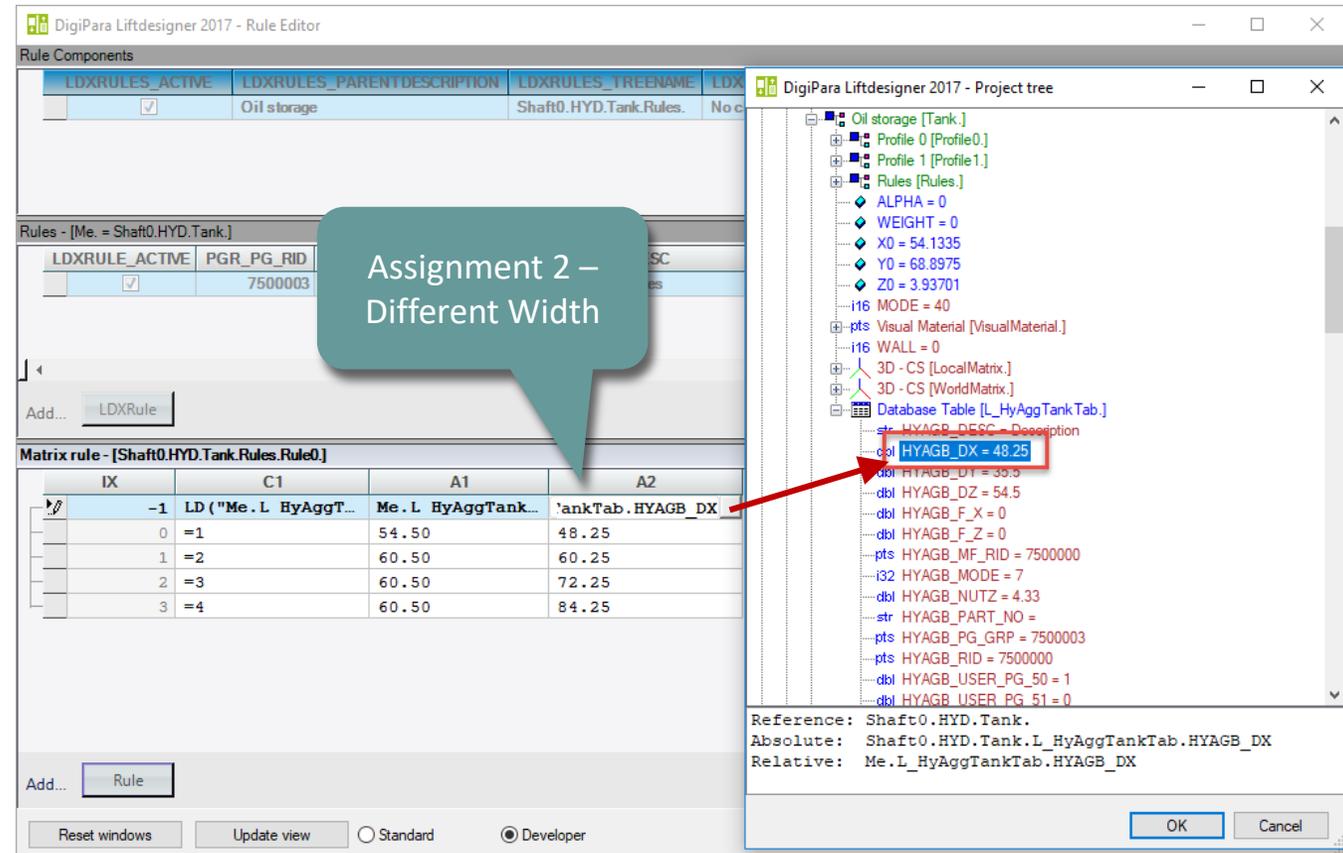
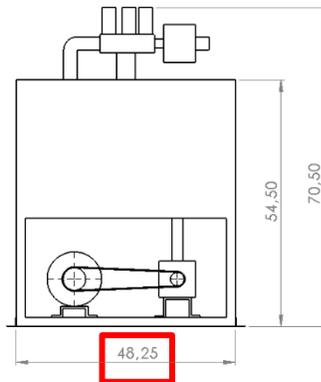
Reference: Shaft0.HYD.Tank.  
Absolute: Shaft0.HYD.Tank.L\_HyAggTankTab.HYAGB\_DZ  
Relative: Me.L\_HyAggTankTab.HYAGB\_DZ

# Define dynamic BIM Component Rules

PL6.4 OPTIONAL STEPS

## Assign the Parameters and define the Values

- ... using the Project Tree



**Assignment 2 – Different Width**

LDXRULES_ACTIVE	LDXRULES_PARENTDESCRIPTION	LDXRULES_TREENAME	LDXRULES_TREEID
<input checked="" type="checkbox"/>	Oil storage	Shaft0.HYD.Tank.Rules.	No c

LDXRULE_ACTIVE	PGR_PG_RID
<input checked="" type="checkbox"/>	7500003

IX	C1	A1	A2
-1	LD ("Me . L HyAggT...	Me . L HyAggTank...	'ankTab . HYAGB_DX
0	=1	54 . 50	48 . 25
1	=2	60 . 50	60 . 25
2	=3	60 . 50	72 . 25
3	=4	60 . 50	84 . 25

**Project tree:**

- Oil storage [Tank.]
  - Profile 0 [Profile0.]
  - Profile 1 [Profile1.]
  - Rules [Rules.]
    - ALPHA = 0
    - WEIGHT = 0
    - X0 = 54.1335
    - Y0 = 68.8975
    - Z0 = 3.93701
    - i16 MODE = 40
    - pts Visual Material [VisualMaterial.]
    - i16 WALL = 0
    - 3D - CS [LocalMatrix.]
    - 3D - CS [WorldMatrix.]
    - Database Table [L\_HyAggTankTab.]
      - str HYAGB\_DESC = Description
      - dbl HYAGB\_DX = 48.25
      - dbl HYAGB\_D1 = 39.3
      - dbl HYAGB\_D2 = 54.5
      - dbl HYAGB\_DZ = 54.5
      - dbl HYAGB\_F\_X = 0
      - dbl HYAGB\_F\_Z = 0
      - pts HYAGB\_MF\_RID = 7500000
      - i32 HYAGB\_MODE = 7
      - dbl HYAGB\_NUTZ = 4.33
      - str HYAGB\_PART\_NO =
      - pts HYAGB\_PG\_GRP = 7500003
      - pts HYAGB\_RID = 7500000
      - dbl HYAGB\_USER\_PG\_50 = 1
      - dbl HYAGB\_USER\_PG\_51 = 0

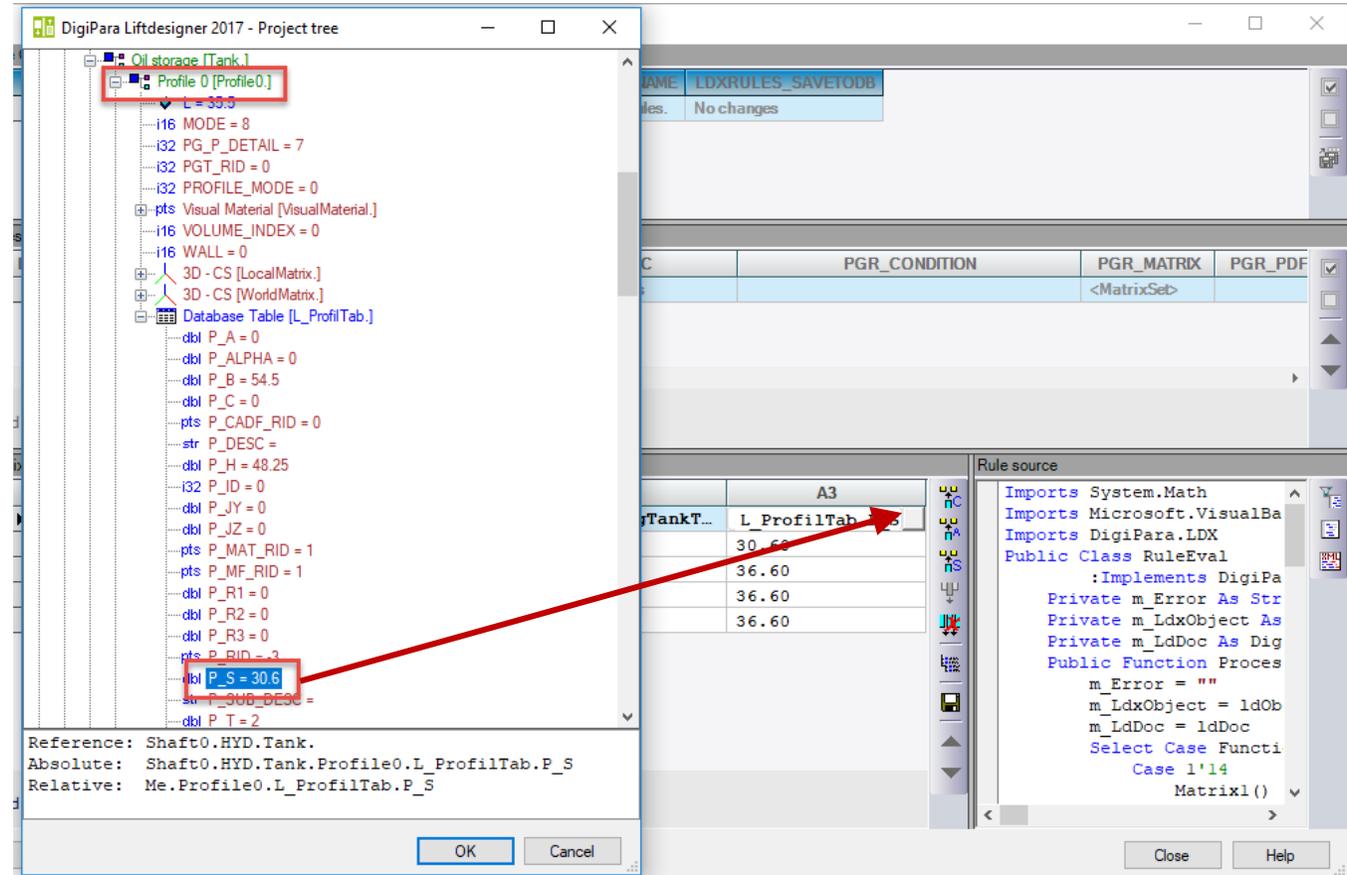
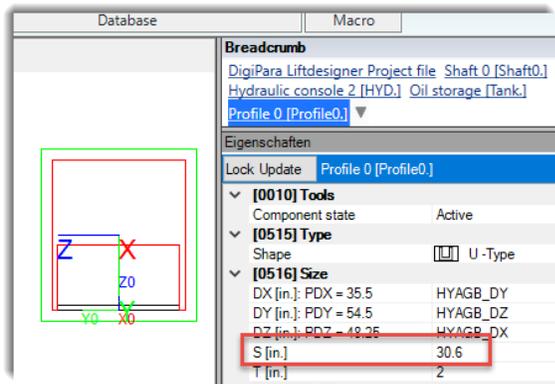
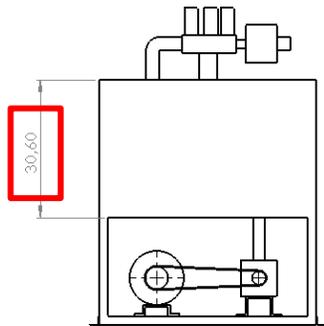
Reference: Shaft0.HYD.Tank.  
Absolute: Shaft0.HYD.Tank.L\_HyAggTankTab.HYAGB\_DX  
Relative: Me.L\_HyAggTankTab.HYAGB\_DX

# Define dynamic BIM Component Rules

PL6.4 OPTIONAL STEPS

## Add and define a new Assignment

- ... regarding the profile height [S]

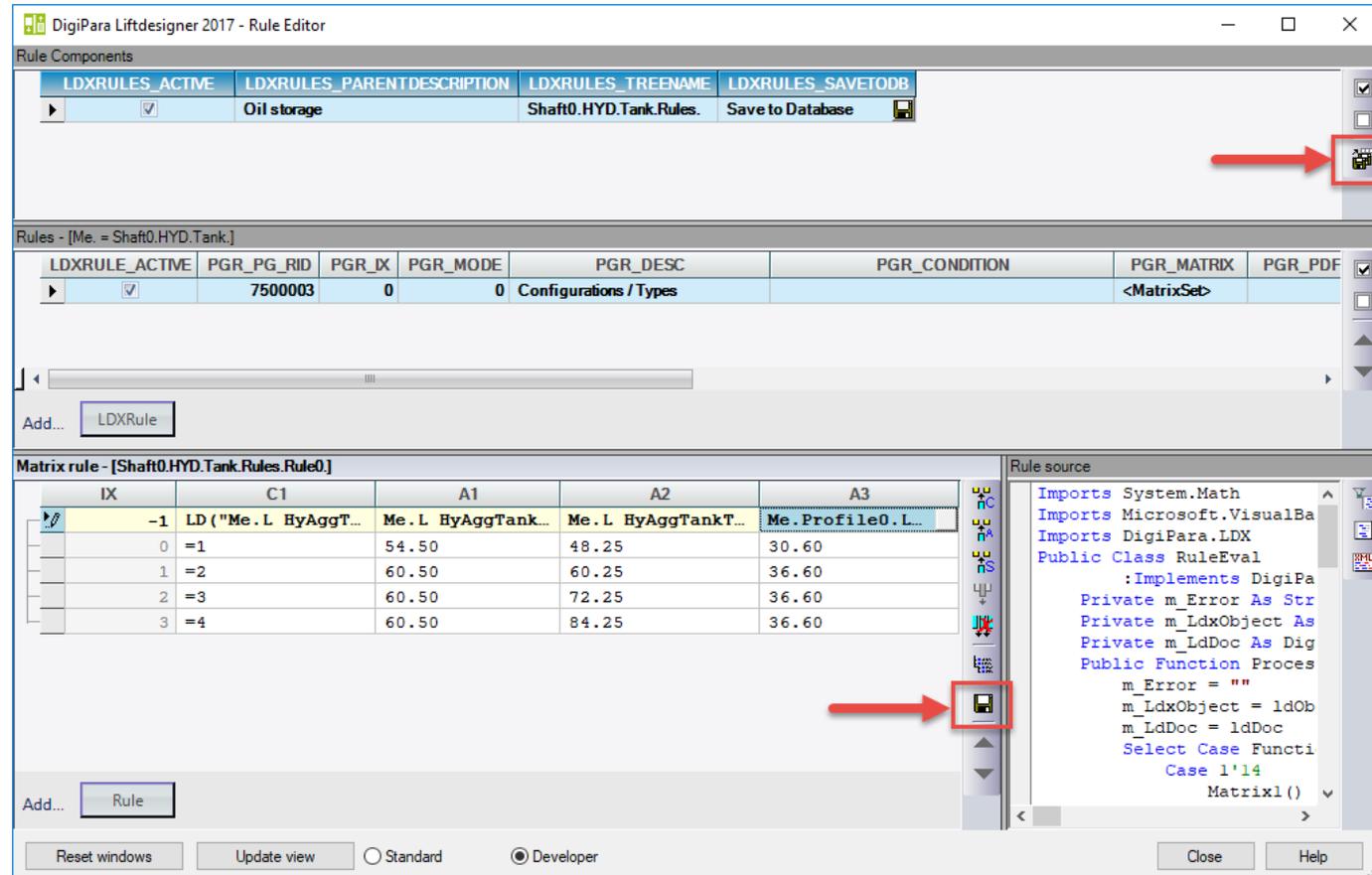


# Define dynamic BIM Component Rules

PL6.4 OPTIONAL STEPS

## Save your dynamic Rule

- ... into the Database and close the Rule Editor

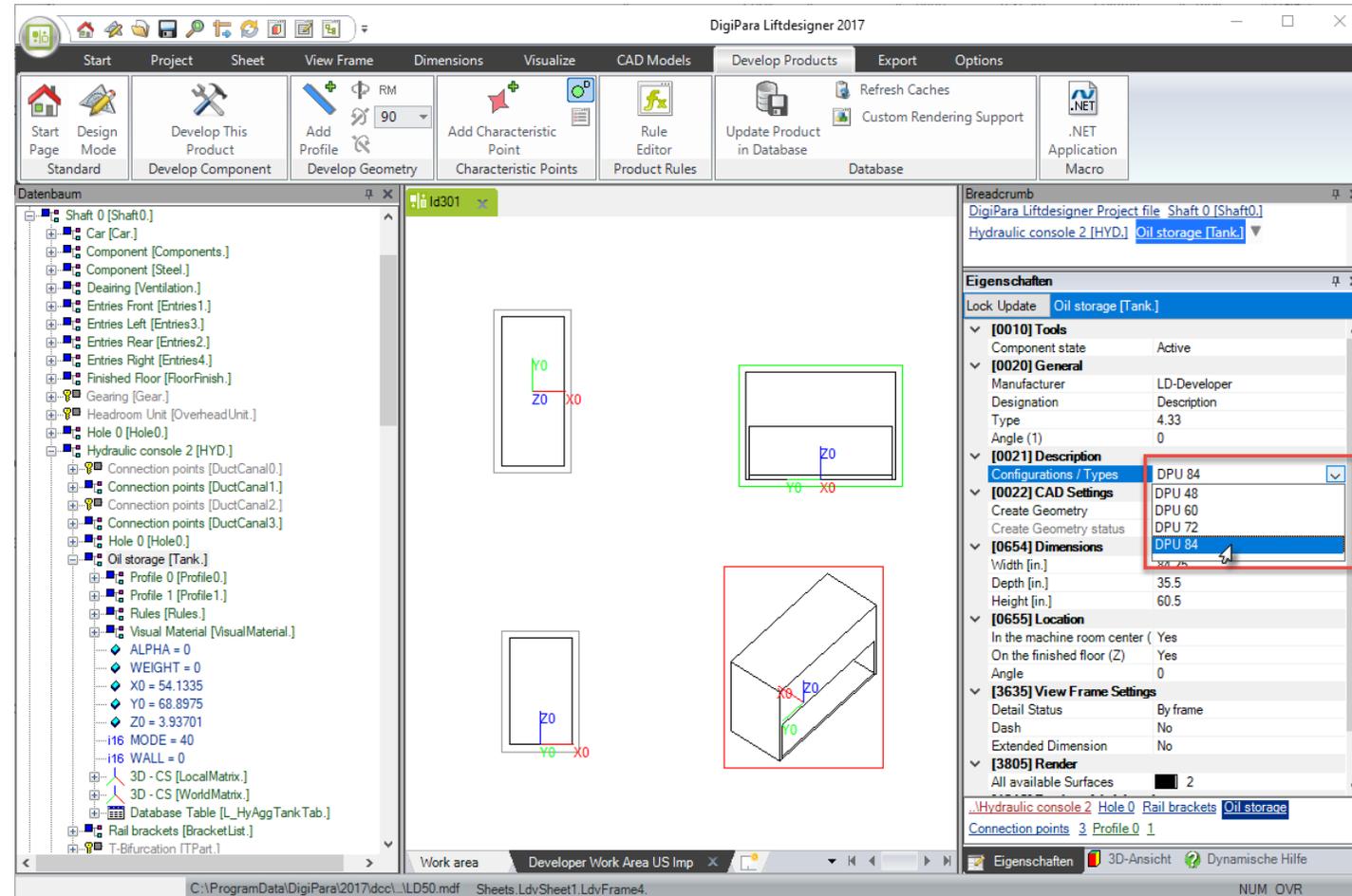


# Define dynamic BIM Component Rules

PL6.4 OPTIONAL STEPS

## Test your dynamic Property and Rule

- ... in DigiPara Liftdesigner



# PL6.5

Tube position

TUBE  
POSITION

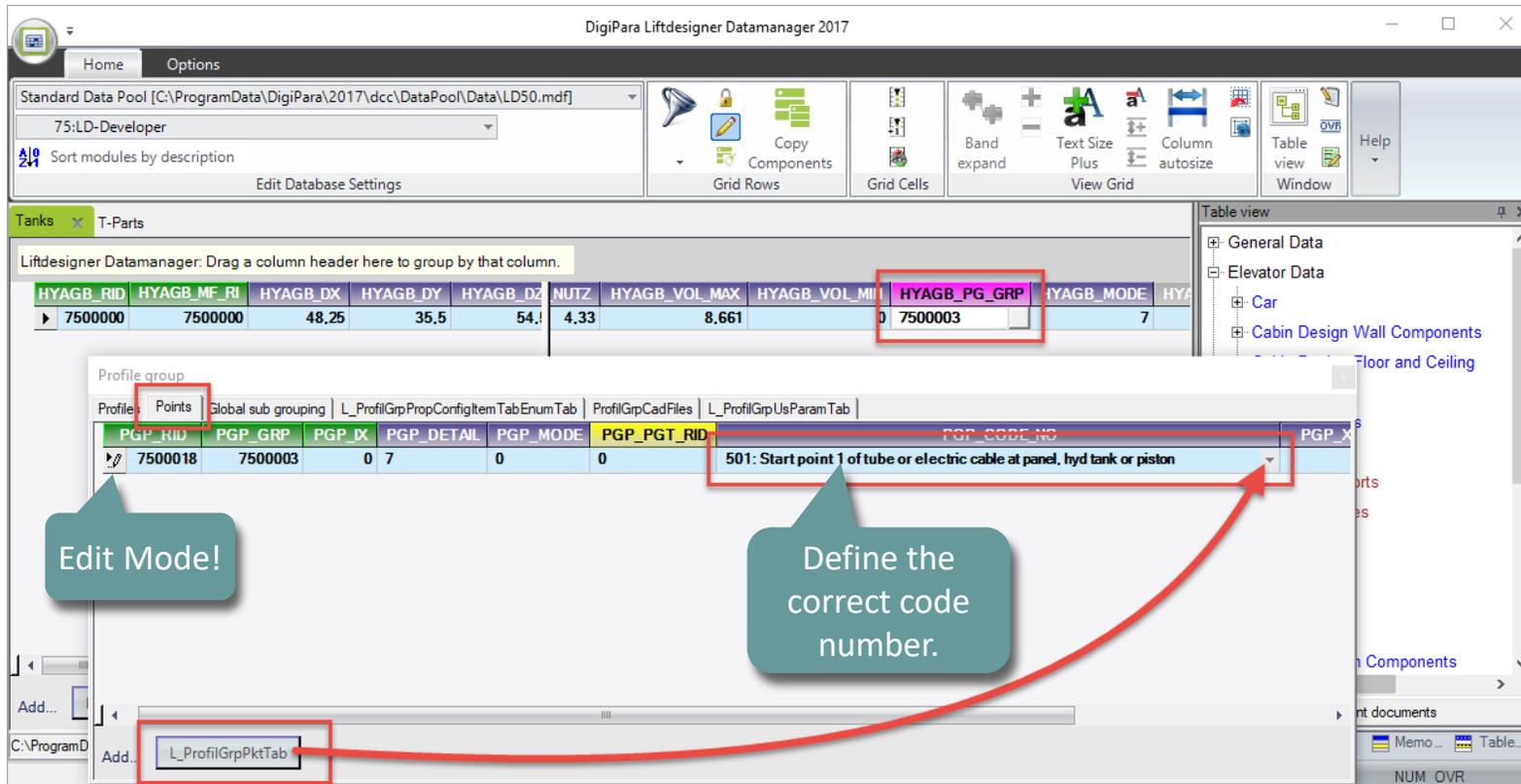


# Add and define a new characteristic Point

PL6.5 TUBE POSITION

## Add a characteristic Point

- ... in DigiPara Lift designer Datamanager Profile Group



The screenshot shows the DigiPara Lift designer Datamanager 2017 interface. The main window displays a table of data with columns: HYAGB\_RID, HYAGB\_MF\_RI, HYAGB\_DX, HYAGB\_DY, HYAGB\_DZ, NUTZ, HYAGB\_VOL\_MAX, HYAGB\_VOL\_MIN, HYAGB\_PG\_GRP, HYAGB\_MODE, and HYAGB\_CODE\_NO. The value '7500003' in the HYAGB\_PG\_GRP column is highlighted with a red box. Below this, a 'Profile group' dialog box is open, showing a table with columns: PGP\_RID, PGP\_GRP, PGP\_DX, PGP\_DETAIL, PGP\_MODE, PGP\_PGT\_RID, PGP\_CODE\_NO, and PGP\_CODE\_DESC. The value '7500018' in the PGP\_GRP column is highlighted with a red box. The PGP\_CODE\_NO field contains the text '501: Start point 1 of tube or electric cable at panel, hyd tank or piston'. A red arrow points from the 'L\_ProfilGrpPktTab' button in the bottom left to the PGP\_CODE\_NO field. Two callout boxes provide instructions: 'Edit Mode!' points to the PGP\_GRP field, and 'Define the correct code number.' points to the PGP\_CODE\_NO field.

HYAGB_RID	HYAGB_MF_RI	HYAGB_DX	HYAGB_DY	HYAGB_DZ	NUTZ	HYAGB_VOL_MAX	HYAGB_VOL_MIN	HYAGB_PG_GRP	HYAGB_MODE	HYAGB_CODE_NO
7500000	7500000	48,25	35,5	54,!	4,33	8,661	0	7500003	7	

PGP_RID	PGP_GRP	PGP_DX	PGP_DETAIL	PGP_MODE	PGP_PGT_RID	PGP_CODE_NO	PGP_CODE_DESC
7500018	7500003	0	7	0	0	501	Start point 1 of tube or electric cable at panel, hyd tank or piston

# Add and define a new characteristic Point

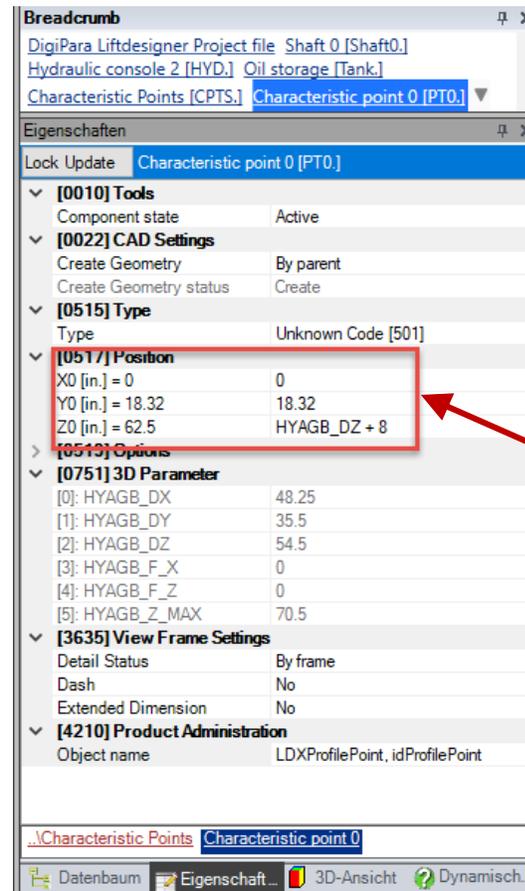
PL6.5 TUBE POSITION

## Define the Position

- ... in DigiPara Liftdesigner

Reload the product in Liftdesigner to see the point you have added in Datamanager.

The new point is located at the component base point!



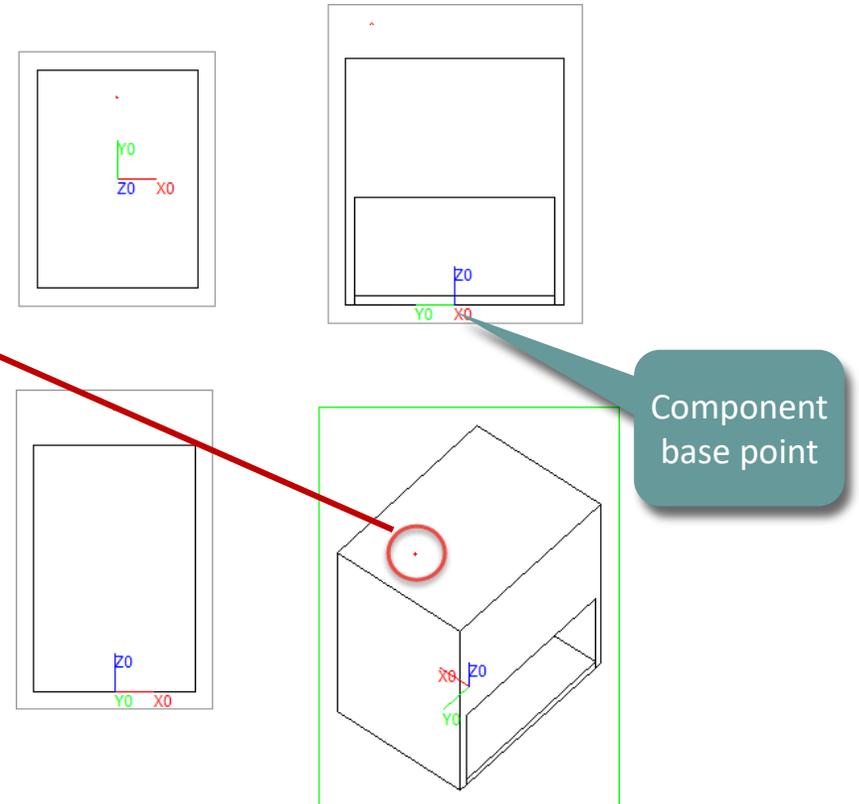
**Breadcrumb**  
DigiPara Liftdesigner Project file Shaft 0 [Shaft0.]  
Hydraulic console 2 [HYD.] Oil storage [Tank.]  
Characteristic Points [CPTS.] Characteristic point 0 [PT0.]

**Eigenschaften**  
Lock Update Characteristic point 0 [PT0.]

- [0010] Tools
  - Component state Active
- [0022] CAD Settings
  - Create Geometry By parent
  - Create Geometry status Create
- [0515] Type
  - Type Unknown Code [501]
- [0517] Position
  - X0 [in.] = 0
  - Y0 [in.] = 18.32
  - Z0 [in.] = 62.5
- [0519] Options
- [0751] 3D Parameter
  - [0]: HYAGB\_DX 48.25
  - [1]: HYAGB\_DY 35.5
  - [2]: HYAGB\_DZ 54.5
  - [3]: HYAGB\_F\_X 0
  - [4]: HYAGB\_F\_Z 0
  - [5]: HYAGB\_Z\_MAX 70.5
- [3635] View Frame Settings
  - Detail Status By frame
  - Dash No
  - Extended Dimension No
- [4210] Product Administration
  - Object name LDXProfilePoint, idProfilePoint

..Characteristic Points Characteristic point 0

Datenbaum Eigenschaft... 3D-Ansicht Dynamisch...

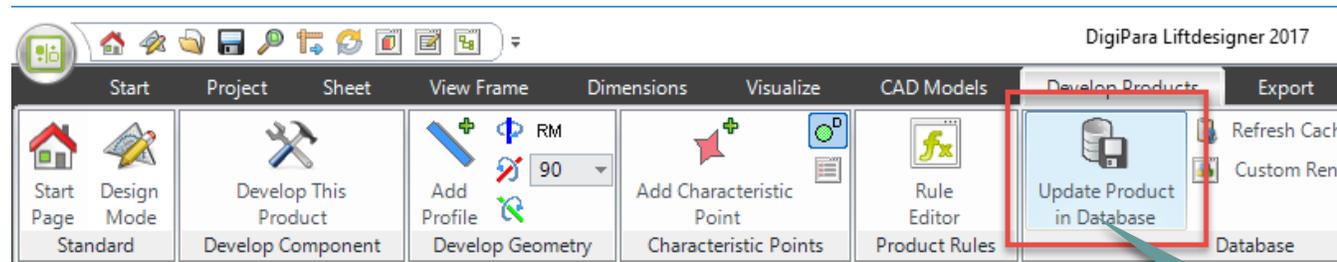


# Add and define a new characteristic Point

PL6.5 TUBE POSITION

## Save the BIM Component back into the DigiPara BIM Library

- Updating / saving the modifications in the DigiPara LiftDesigner Datamanager after developing a simplified geometry in the DigiPara LiftDesigner window application.



Make your changes permanent in the database.

# PL6.6

Summary & custom  
Q&A's

SUMMARY  
CUSTOM  
Q&A'S



# Congratulations

You reached the next level



 digipara<sup>®</sup> liftdesigner



Your instructor will be available for individual questions after the module training.

[training@digipara.com](mailto:training@digipara.com)





© 2024 DigiPara GmbH  
[www.digipara.com](http://www.digipara.com)