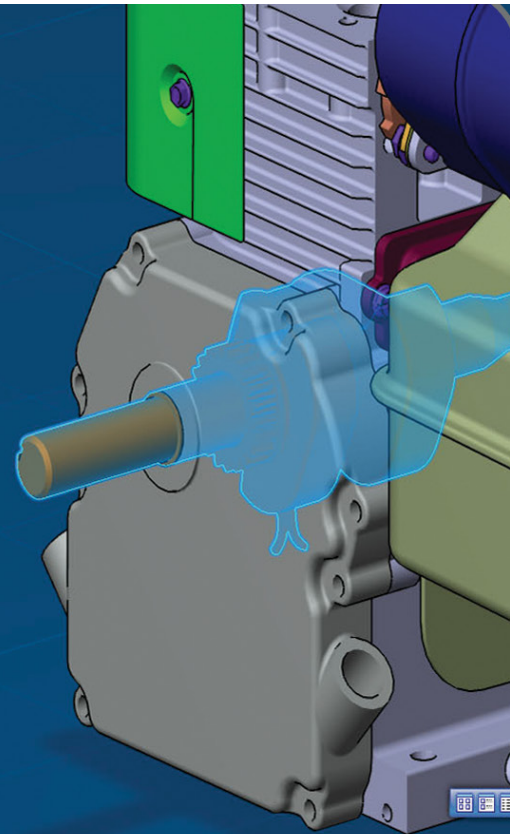


MANUFACTURED PRODUCT PLANNING

Datasheet

MBOM Tree

MBOM Structure	Mfg Part	Quantity	Make / Buy	...	Manufactur...	Design / Purchase
Assemble.8403 --- IN_WORK	No	1	Unassigned			
Block_Assembly.1.6201	No	1	Make	E...et		
Engine_Block.1.6202	No	1	Make	E...et		
Raw Material.8477.1	Yes	1	Buy	E...et		
90_Degree_Heat_Shield.1.6203	No	1	Buy	E...et		
Flywheel_Shield.1.6204	No	1	Buy	E...et		
Crankcase_Breather.1.6205	No	1	Buy	E...et		
Cover_Bolt_Small.1.6206	No	1	Buy	E...et		
Cover_Bolt_Medium.1.6207	No	1	Buy	E...et		
Breather_Bolt.1.6208	No	1	Buy	E...et		
Breather_Bolt.2.6209	No	1	Buy	E...et		
Crankshaft_Product24233K1_246.1.6210	No	1	Buy	E...et		
Crankshaft_Gear_Product24220K1_247.1.6211	No	1	Buy	E...et		
Oil_Dipper_Product24230K1_244.1.6219	No	1	Buy	E...et		
Cover_Housing_Product3850.1.6220	No	1	Buy	E...et		
MA Piston.8462.1	Yes	1	Make	E...et		
Piston_Connecting_Rod_Product24228K1_242.1.6217	No	1	Buy	E...et		
Piston_Product24223K1_240.1.6216	No	1	Buy	E...et		
Piston_Ring_2_Product24225K1_239.1.6215	No	1	Buy	E...et		
Piston_Rod_Cap_Product24231K1_243.1.6218	No	1	Buy	E...et		
Piston_Pin_Product24224K1_237.1.6213	No	1	Buy	E...et		
Piston_Ring_1_Product24229K1_238.1.6214	No	1	Buy	E...et		
Piston_Ring_3_Product24227K1_236.1.6212	No	1	Buy	E...et		
Muffler_Assembly_Product2895.1.6221	No	1	Make	E...et		
Muffler.1.6222	No	1	Buy	E...et		
Muffler_Adapter.1.6223	No	1	Buy	E...et		
Muffler_Gasket.1.6224	No	1	Buy	E...et		
Lock_Bolt.1.6225	No	1	Buy	E...et		
Cover_Bolt_Medium.1.6226	No	1	Buy	E...et		
Cover_Bolt_Medium.2.6227	No	1	Buy	E...et		
Carburetor_Assembly_Product2903.1.6228	No	1	Make	E...et		
Gasket_Carb_Tank.1.6229	No	1	Buy	E...et		
Carburetor.1.6230	No	1	Buy	E...et		
Gasket_Carburetor_Engine.1.6231	No	1	Buy	E...et		
Carb_Bolts_Long.1.6232	No	1	Buy	E...et		



#	Name	Description	Version	Creation date	Last modification	Responsible	Organization	Project	Discipline	Usage	Nature	Is Locked	Lock Owner	Maturity	Applicability Date
3	3.SHP_ENGINE_2012		---	4/5/2011 :: 10:07:44 AM	4/12/2011 :: 3:45:24 PM	PPL	Company Name	Standard			Specification	N		IN_WORK	
3	3.SHP_ENGINE_MA..._Product_PPL_255		---	2/4/2011 :: 2:26:56 PM	5/6/2011 :: 10:23:40 AM	KBB	Company Name	Standard			Specification	N		IN_WORK	
3	3.SHP_ENGINE_PPL_Operation_Plan		---	4/26/2011 :: 5:40:30 PM	4/26/2011 :: 5:40:40 PM	PPL	Company Name	Standard			Specification	N		IN_WORK	
3	3.SHP_ENGINE_Product3883		---	4/28/2011 :: 3:30:44 PM	4/28/2011 :: 3:30:52 PM	PPL	Company Name	Standard			Specification	N		IN_WORK	

DEFINE AS-PLANNED PRODUCTS:

DELMIA MANUFACTURED PRODUCT PLANNING DELIVERS THE ABILITY TO DEFINE THE PRODUCT AS IT IS TO BE MANUFACTURED.

DELMIA Manufactured Product Planning (MPP) delivers cross-industry planning capabilities for all manufacturing stakeholders who need to modify a product's engineering definition in order to deliver a Manufacturing Bill of Material (MBOM) definition to downstream manufacturing planning and detailing stakeholders. Manufacturing planners can create all relevant manufacturing stages of an MBOM that have not been defined by product engineering, including the definition of manufacturing assemblies and product transformations.

MODIFY AND ENRICH THE MBOM IN A COLLABORATIVE ENVIRONMENT

Planners define additional relevant manufactured parts issued from assembly or fabrication processes in the V6 collaborative environment. They can intuitively reorganize the manufacturing stages of the MBOM using simple drag-and-drop functions and add consumables needed for the manufacturing process from a catalog.

AUTOMATIC MBOM GENERATION BASED ON PRODUCT STRUCTURE OR EBOM

Users of DELMIA Manufactured Product Planning can automatically generate the initial MBOM based on the definition of the product structure or engineering bill of materials (EBOM) from the product designer. They can then make modifications to the plan by simply dragging and dropping parts or entire stage nodes from one step in the plan to another. When product designers modify the product structure, the change can be automatically inserted into the manufacturing stages.

MANUFACTURING RESPONSIBILITY DEFINITION

The planner in the central office defines the MBOM, the MAKE or BUY decision for the MBOM node, and the manufacturing plant responsibility. From this MBOM, each planner at a given plant can adapt the MBOM to his local constraint (by adding an assembly stage, for example) and then define his plant-specific MBOM.

PRODUCT HIGHLIGHTS

- Plant-specific MBOM definition from a central MBOM
- Create manufacturing stage templates and save them in catalogs for reuse
- Support collaborative and concurrent planning for multiple users
- Update manufacturing definitions anytime to reflect engineering definition changes
- Easy-to-use user interface for defining manufactured product stages

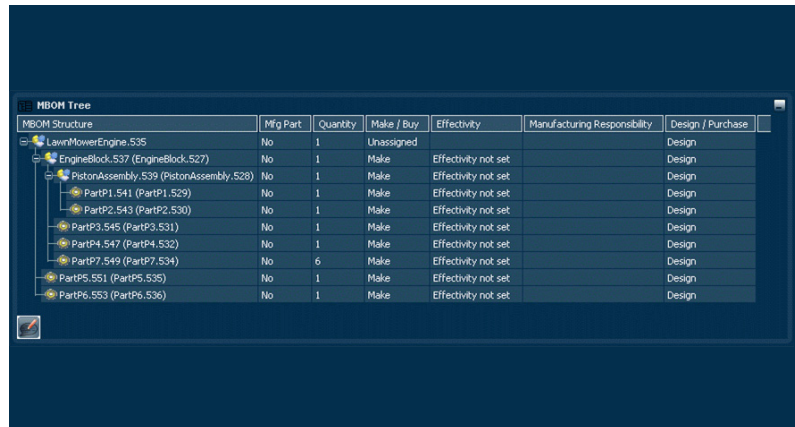
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Create or restructure the engineering product definition to meet the requirements of the product as it will be manufactured.



Automatically generate MBOMs.