



## FEATURE OVERVIEW



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### MODULES

P3D ADVS

#### MODULE 1 – PRIMARY SYSTEMS

OVER 500 PARAMETRIC COMPONENT FAMILIES WITH MORE THAN 10,000 INDIVIDUAL SIZES	✓	●
NUMEROUS MANUFACTURER-SPECIFIC CLAMPING SYSTEMS WITH INTELLIGENT LOGIC	✓	●
OPTION TO USE INLAYS	✓	●
HEIGHT-ADJUSTABLE PRIMARY SUPPORTS WITH DEFINED PERMISSIBLE RANGES	✓	●
WIDTH ADJUSTMENT FOR CLAMPING SYSTEMS INCLUDING AUTOMATIC VALIDATION	✓	●
COLOR-CODING FOR INVALID COMPONENT PLACEMENTS	✓	●
AUTOMATIC PLACEMENT OF LOAD CHAINS	✓	●
EXTENDED STEEL CATALOG, INCLUDING ORIGINAL MANUFACTURER WEIGHTS	✓	●
SUPPORT FOR INCLINED ROUTING	✓	●

#### MODULE 2 – PLACEMENT & REPORTING

EXTENSIVE REPORTING FUNCTIONS TO EXCEL	✓	●
AUTOMATIC PLACEMENT OF PRIMARY SUPPORTS AND CLAMPING SYSTEMS ACROSS DWGS AND COMPATIBLE WITH ADVANCE STEEL™ CONSTRUCTION	✓	●
AUTOMATIC PROPERTY ALIGNMENT OF COMPONENTS BASED ON THE SELECTED CLAMPING SYSTEM	✓	●
AUTOMATIC SELECTION OF SUITABLE PRIMARY SUPPORTS AND CLAMPING SYSTEMS	✓	●
GROUP INTO LOGICAL ASSEMBLIES	✓	●
AUTOMATIC REPLACEMENT OF PRIMARY SUPPORTS	✓	●
SIMPLE DUPLICATION OF PROPERTIES	✓	●
EXPORT FUNCTIONS FOR PRIMARY SUPPORTS INCLUDING METADATA FOR ADVANCE STEEL™	✓	●
NUMEROUS CONFIGURATION OPTIONS	✓	●



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#### MODULE 3 – CONNECTION TECHNOLOGY & DOCUMENTATION

7 CONNECTION TYPES WITH MORE THAN 2,200 COMBINATIONS



3 PRECONFIGURED DRAWING TEMPLATES



12 READY-TO-USE PROCESSES



2 REPORTING TEMPLATES



DRAWING TEMPLATES FROM A0 TO A3



AUTOMATIC DRAWING GENERATION



3 DISPLAY MODES FOR BOLTS AND ANCHORS



AUTOMATIC PROPERTY ALIGNMENT BASED ON ARTICLE NUMBERS



TOLERANCE FUNCTIONS FOR PLAUSIBILITY CHECKS



BATCH UPDATE FUNCTIONS FOR EFFICIENT ADJUSTMENTS



LINKS TO CURRENT MANUFACTURER DATA SHEETS FOR CONNECTION COMPONENTS



ABILITY TO ADD A POSITION POINT



ABILITY TO ADD A GRID REFERENCE



AUTOMATIC ANCHOR LISTS



#### MODULE 4 – ASSEMBLIES & ORTHO DRAWINGS



GROUPING INTO LOGICAL ASSEMBLIES, INCLUDING EXTERNAL REFERENCES



AUTOMATIC GENERATION OF ORTHOGRAPHIC DRAWINGS



AUTOMATIC DIMENSIONING



AUTOMATIC ANNOTATIONS



ORTHO-CUBE VISIBLE AND EDITABLE IN THE 3D MODEL



AUTOMATIC UPDATE OF THE DRAWING WHEN CHANGES OCCUR



DEFINITION OF THE FRONT VIEW DIRECTLY IN THE 3D MODEL



AUTOMATIC PLACEMENT OF AN AXIS GRID SYSTEM INCLUDING DIMENSIONS



CREATION OF A SITE PLAN WITH COORDINATES



COMPLETE BILL OF MATERIALS GENERATION



NUMEROUS CONFIGURATION OPTIONS





## FEATURE OVERVIEW



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### MODULES

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#### MODULE 5 – TYPICALS & STANDARDIZED CONSTRUCTIONS

AUTOMATIC CREATION OF COMPLETE <b>TYPICALS</b> BASED ON COMPANY STANDARDS	✓	●
LOAD BALANCING TO CHECK <b>POTENTIAL LOAD CASES</b> (WITHOUT STATIC CALCULATION)	✓	●
AUTOMATIC SELECTION OF SUITABLE <b>PROFILE SIZES, PLATES, BOLTS, AND GUSSET PLATES</b>	✓	●

**Note:** Module 5 is currently offered only upon request, as it is based on typicals defined according to the company standard.

### BUNDLES

M1 M2 M3 M4 P3D ADVS

BUNDLE	✓	✓	+	+	✓	●
SUITE	✓	✓	✓	+	✓	✓
BUNDLE +	✓	✓	+	✓	✓	●
ENTERPRISE	✓	✓	✓	✓	✓	✓

### LEGEND

#### SIGNIFICANCE

P3D	PLANT 3D™
ADVS	ADVANCE STEEL™
M1	MODULE 1
M2	MODULE 2
M3	MODULE 3
M4	MODULE 4
+	CAN BE ADDED AS AN OPTION

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