



**Boost Marine Design With NotilusPlugins For Efficient
Collaboration And Optimization**





Cutting-edge, versatile, and comprehensive marine structural design plug-in designed specifically for Rhinoceros.



AUTO MARKING

Certain parts auto-marked for plating. Position markers and custom markers easily added/modified.



SHEET GENERATION

Sheets saved in the database for easy reuse. Clear tracking of parts on each plate.



AUTO LIGHTENING HOLE

Easily add and modify lightening holes for efficient detail modeling.



LIVE MATERIAL LIST WITH CENTER OF GRAVITY

Live tracking of material list and block center of gravity.



PARAMETRIC STIFFENER

Automatic stiffener generation and automatic cut outs help you to easily create/modify your model.



USER FRIENDLY

User-friendly commands and interface for rapid and accurate modeling.



AUTO PLATE EXPANSION & REMAPPING

Both planar and amorphous plates can be expanded with markers.



BLOCK MANAGER

Models can be separated in different blocks.



AUTOMATIC PART DEFINING

Model easily converted to Notilus Steeler with auto part recognition and posing.



FACE PLATE GENERATION

Face plates easily added as stiffeners. Quick generation of stiffener plots and bending schemas.



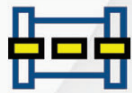
SYMMETRIC MODELING

Symmetric parts automatically updated for accuracy and efficiency.





Rapid 3D Piping plug-in for Rhinoceros.



INSTANT PIPE BUILD

Pipes get builded with elbows and segments for selected polylines.



RAPID PIPE MODIFICATIONS

Streamline modeling with rapid editing commands for enhanced efficiency.



PENETRATIONS

Easy insertion of penetrations based on selected pipes and structure.



3D PIPE DIMENSIONING

Both relative and absolute locations of pipe, elbows can be shown in 3d model.



COMPONENTS

Insert valves, flanges, reducers, and fittings on selected pipes based on properties.



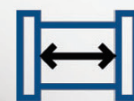
LIVE BILL OF MATERIALS

All pipes & components get listed with their properties in BOM table.



HVAC DESIGN

HVAC channels also can be modeled with elbows, segments and insulation.



SPOOL GENERATION

Spool layout with dimension and component list can be created easily.



CUSTOM LIBRARY

Companies can create custom libraries for pipes, penetrations, valves, and fittings.



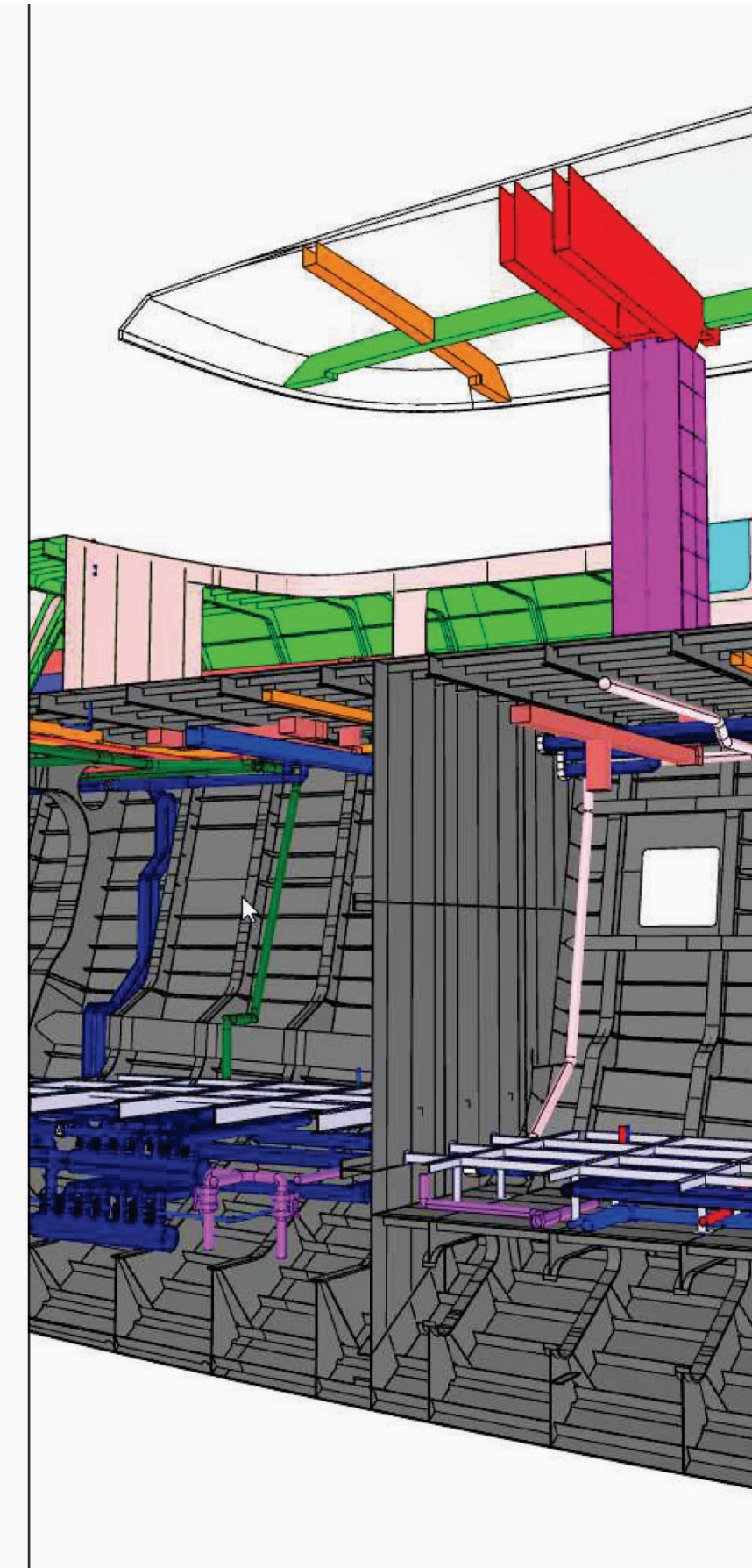
USER FRIENDLY

Intuitive interface and commands for rapid, precise modeling.



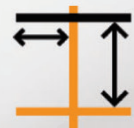
PIPE & FLUID WEIGHT CALCULATION

Weight and COG calculation for pipes and fluids in systems.





Effective workshop drawing plug-in for Rhinoceros.



AUTO DIMENSIONING & LABELING

Structure and piping model workshops auto-dimensioned and labeled based on reference lines and parts.



AUTOMATIC 2D DRAWING GENERATIONS

2D drawings from sections and scenes with info and rulers. Categorized by project and systems. Effortless revisions.



LAYOUT GENERATION

Effortless layout generation with title block info, 2D drawing views, and flexible options. Easy revision management.



SCENE MANAGEMENT

Effortlessly manage workshop drawings with the scene monitor.



VARIOUS SECTION OPTIONS

For workshop drawings, users can use various section options based on parts, curves, scenes and positions.



RAPID WORKSHOP EDITING

Notilus Drafting offers label rescaling, revision management, and manual labeling commands for fast and easy editing.

01-736
PL5

01-730
PL5

01-88221
FB-50x5

01-739
PL5

BASE LINE



Simplify 3D modeling with versatile clipping plane plug-in.



CUSTOMIZABLE SYMBOL LIBRARY

Customize P&ID diagrams with Notilus P&ID's symbols for accurate process representation.



INSTANT BILL OF MATERIALS

Instantly create a detailed bill of materials from your P&ID diagrams using Notilus P&ID's automation.



CHECK PIPE DIMENSIONS AND INSTRUMENTS

With Notilus P&ID, verify pipe dimensions and instruments within your diagram, boosting precision and minimizing design errors.



AUTO COUNT AND LABELING OF ITEMS

Notilus P&ID's auto-count and label function streamlines tasks, guaranteeing consistency and saving time.



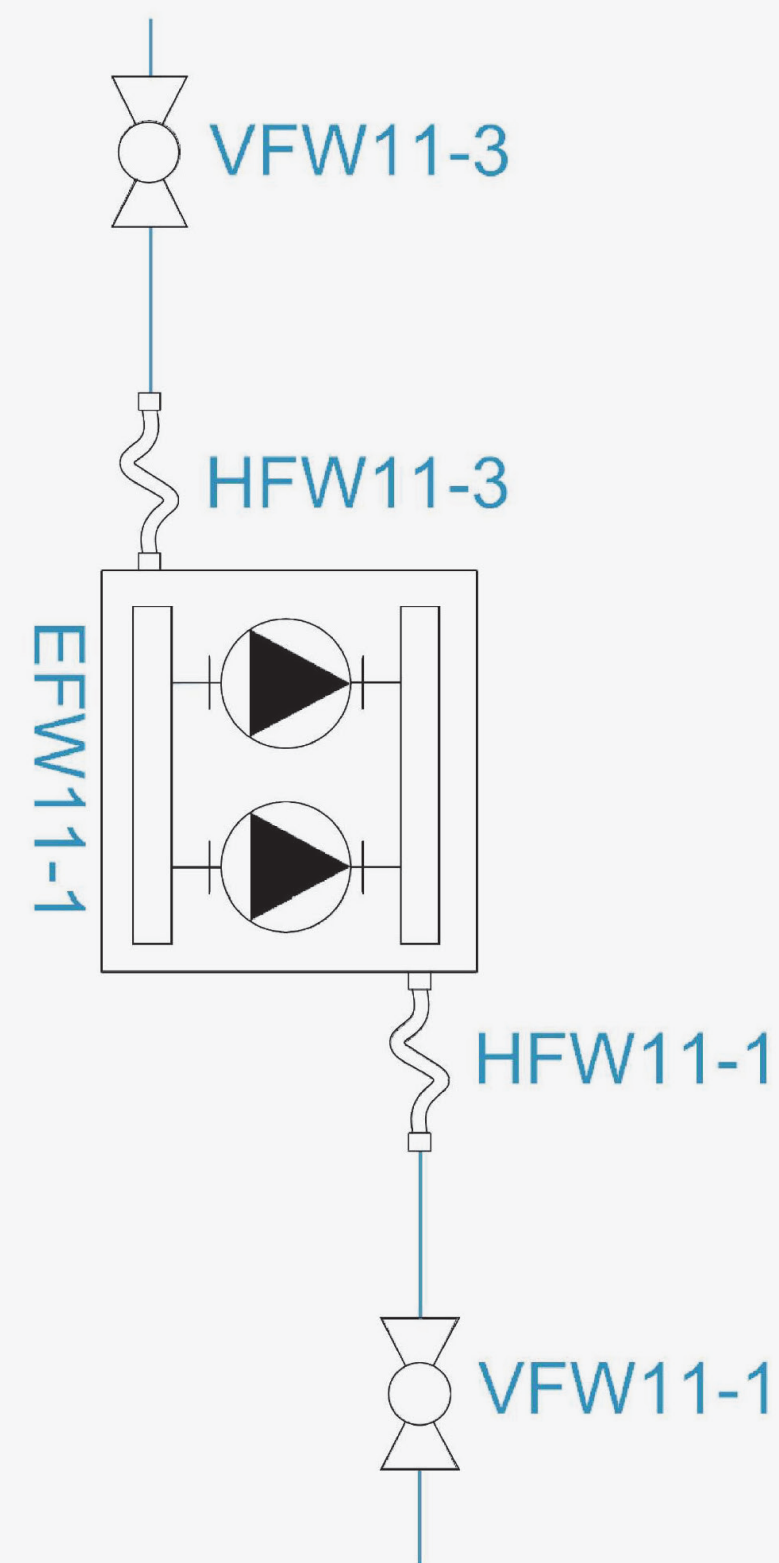
AUTOMATIC PIPE & SYMBOL LEGENDS

Notilus P&ID enhances team collaboration with automatic pipe and symbol legend generation, ensuring clarity and seamless communication.



EASY RESCALING OF DRAWINGS

Easily adapt drawings to different scales using Notilus P&ID. Resize your diagrams with convenience, enabling versatile presentation formats without sacrificing clarity.





Simple clipping plane management plug-in for Rhinoceros.

RAPID CLIPPING PLANE ADJUSTMENT

Clipping planes can easily be adjusted by point, location or slider. Position can be set even with math expressions.

OBJECT BASED ARRANGEMENTS

Clipping planes adjust with selected objects. Scene boundaries easily modified with commands.

SHORTCUT COMMANDS

All features can be reached from command line

PROJECT BASED SCENE MANAGEMENT

Scenes can be saved and restored for each project. User can switch easily between scenes by double clicking.

CUSTOMIZABLE

Axis names, slider step value, and minimum slice value can be customized from settings menu.

SIMPLE USER INTERFACE

All features accessible through a single panel. Convenient management of scenes for selected projects on the same panel.





Your Ultimate Work Tracking Solution

Notilus Scheduler is your all-in-one solution for seamless work tracking and management.

Customizable Work Scheduling: Tailor work schedules to meet your organization's specific needs. Assign tasks, projects, and work hours with ease.

Why Choose Notilus Scheduler?

Notilus Scheduler simplifies the complexities of work management. It streamlines processes, enhances collaboration, and empowers your team to work efficiently. By tracking time, individuals and organizations can assess how efficiently tasks are completed. This analysis can reveal productivity bottlenecks, time-wasting activities, and opportunities for improvement.

Get in touch with us today to learn more about how Notilus Scheduler can revolutionize your work tracking and management.

Key Features



Time Tracking

Time tracking allows you to monitor and record the amount of time spent on various tasks or activities. It helps you manage and optimize your time effectively.



notilus scheduler

User : TL1

Change User

Dashboard

Work Entry

Reports

Select Project

15 M WORK BOAT

Show Finished Projects

Select Work

Search

Folder	WorkName
- Arrangement	
	AC & DC Single Line Diagram Revision
	Electric & Electronic Exterior Lights Plan
	Hull Design CFD
	Jakuzzi Systems
	Navigation Equipment Specification
	Structural Composite CNC Cutting Plan For Jig

November 2023

Mon	Tue	Wed	Thu	Fri	Sat	Sun
30	31	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

December 2023

Mon	Tue	Wed	Thu	Fri	Sat	Sun
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
1	2	3	4	5	6	7

Bugün: 28/11/2023

Working Duration

hour 1

mins 0

Overwork

Revision

Add

Works done by TL1 on 24/11/2023

Project	Folder	Work	Hours	Status
15 M WORK BOAT	Arrangement	AC & DC Single Line Diagram Revision	1	Pending
80 M MOTORYACHT	Calculations	Seawater System Schematic	3	Pending
15 M WORK BOAT	Arrangement	Structural Composite CNC Cutting Plan For Jig	1	Pending
15 M WORK BOAT	Arrangement	Navigation Equipment Specification	1	Pending
15 M WORK BOAT	Arrangement	Jakuzzi Systems	1	Pending
15 M WORK BOAT	Arrangement	Hull Design CFD	1	Pending
15 M WORK BOAT	Arrangement	Electric & Electronic Exterior Lights Plan	1	Pending

NotilusScheduler

Work: AC & DC Single Line Diagram Revision

Estimated (Days): 3.00

Actual (Days): 0.11

Progress: 3.70%

Tamam

Choose Work

Choose Date

Choose Work Type

Track Progress by Task

Monitoring the job list you entered and follow the approval status





Project Management

Empower project managers with the tools they need to lead effectively, from setting project goals to tracking milestones and deadlines.

- Create your projects in the disciplines and subcategories you desire, and you can distinguish between scope and additional work.
- Archive completed projects and tasks for future reference. Keep your project workspace organized and clutter-free.
- Organize your projects into tasks, set priorities, and assign responsibilities. Streamline communication and collaboration among team members.
- Create project templates for recurring tasks or projects, saving you time on project setup.

NotilusScheduler

Select Project: 140 M MOTORYACHT | Rename Project | Delete Project | Add New Project

New Work:

JDOC : | Discipline : Naval Architecture | Title : | Estimated Duration (Days) : |

WBS : | Subtitle : | Type : ☒ Scope ☐ Additional | Add

Sheet : | Folder : Arrangement | Name : |

Sheet	Folder	Discipline	Title	Subtitle	Name	EstimatedDuration(Days)	Completed
	Arrangement	Structural	Structural Hull Model	101 Block	101 Block Structural Hull Model	7	No
	Arrangement	Electric	Electrical System	Electrical System	Electrical System	3	No
	Arrangement	Outfitting	CAM	CAM	3d Cable Tray	4	No

Mark as Completed | Mark as Not-Completed | Delete Selected | Upload From Excel

Enter Target Day



Approval Workflow

Streamline approval processes with automated workflows. Ensure that critical decisions are made efficiently.

- Review and approve pending project data for accuracy.
- Control, approve, or reject work entries of your team members with a single screen.
- Approval features enable designated individuals to review and authorize time sheets, tasks, or project updates before they are considered final.



notilus
scheduler

User: PM1



Pending Work Affords

Date	User	Project	Folder	Work	Hours	Revision	Overwork	Approve	Reject
27/11/2023	TL1	80 M MOTORYACHT	Arrangement	Teak Plan	4	No	No	Approve	Reject
27/11/2023	TL1	80 M MOTORYACHT	Calculations	Seawater System Sc...	5	No	No	Approve	Reject
27/11/2023	TL1	80 M MOTORYACHT	Arrangement	Radio Equipment Sel...	2	No	No	Approve	Reject
20/11/2023	TL1	80 M MOTORYACHT	Arrangement	Radio Equipment Sel...	6	No	No	Approve	Reject
20/11/2023	TL1	80 M MOTORYACHT	Arrangement	Teak Plan	3	No	No	Approve	Reject
22/11/2023	TL1	15 M WORK BOAT	Arrangement	Hull Design CFD	9	No	No	Approve	Reject
23/11/2023	TL1	80 M MOTORYACHT	Arrangement	Radio Equipment Sel...	9	No	No	Approve	Reject
21/11/2023	TL1	40 M SAILING YACHT	Arrangement	Calculations Equipme...	9	No	No	Approve	Reject
24/11/2023	TL1	15 M WORK BOAT	Arrangement	AC & DC Single Line ...	1	No	No	Approve	Reject
24/11/2023	TL1	15 M WORK BOAT	Arrangement	Electric & Electronic ...	1	No	No	Approve	Reject
24/11/2023	TL1	15 M WORK BOAT	Arrangement	Hull Design CFD	1	No	No	Approve	Reject
24/11/2023	TL1	15 M WORK BOAT	Arrangement	Jakuzzi Systems	1	No	No	Approve	Reject
24/11/2023	TL1	15 M WORK BOAT	Arrangement	Navigation Equipmen...	1	No	No	Approve	Reject
24/11/2023	TL1	15 M WORK BOAT	Arrangement	Structural Composite ...	1	No	No	Approve	Reject
24/11/2023	TL1	80 M MOTORYACHT	Calculations	Seawater System Sc...	3	No	No	Approve	Reject



Permission Control

- Maintain data security with role-based permissions.
- Set access permissions to control who can view and edit project data.
- Prevent Editing of Entries Beyond a Designated Date.

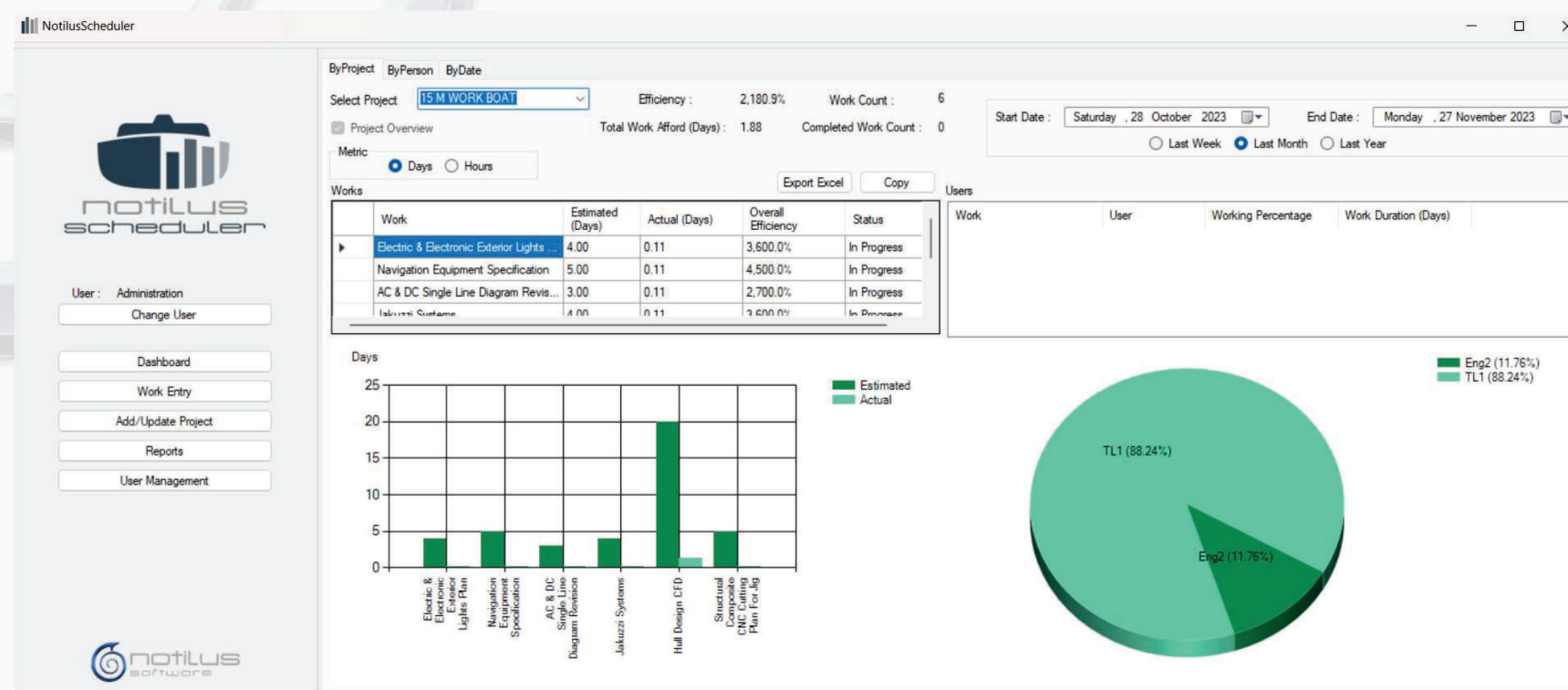
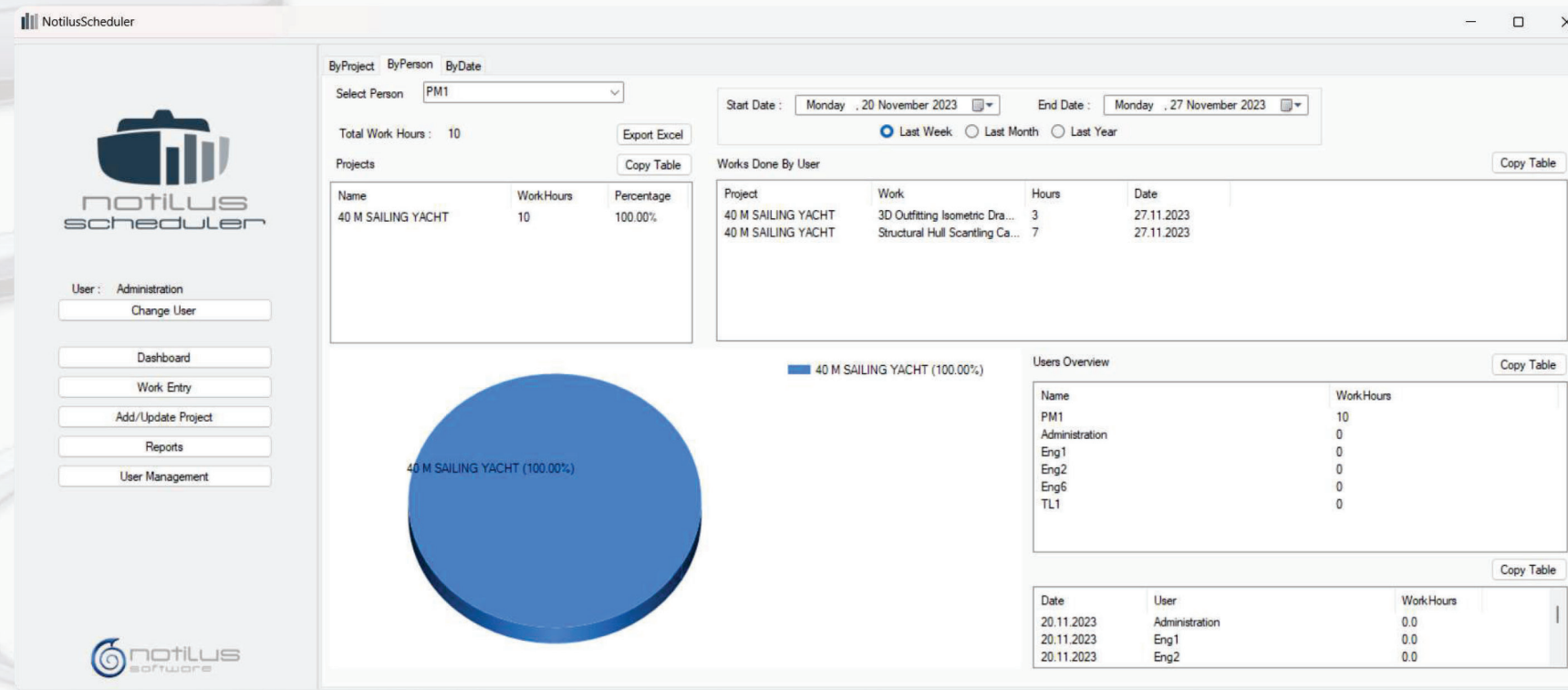
The screenshot shows the 'NotilusScheduler' application window. On the left is a sidebar with the 'notilus scheduler' logo and a menu with buttons: 'User: Administration', 'Change User', 'Dashboard', 'Work Entry', 'Add/Update Project', 'Reports', and 'User Management'. The main area has tabs: 'Current Users', 'Add User', 'Edit User', and 'Hierarchy'. The 'Edit User' tab is active, showing fields for 'Select User:' (Eng1), 'Password:' (1), and 'Status:' (TeamLeader). To the right is a 'Disciplines' section with a dropdown menu set to 'Electric', an 'Add' button, a 'Remove' button, and a list of 'Added Disciplines' (General, Electric, Exterior, Naval Architecture, Structural). A 'Save Changes' button is at the bottom right.

The screenshot shows the 'NotilusScheduler' application window with the 'Hierarchy' tab active. The main area displays a table titled 'Users Under PM1' with columns 'Name' and 'Status'. The table contains one entry: 'TL1' with status 'TeamLeader'. To the right is a 'New Relation' section with 'Master:' (PM1) and 'Child:' (TL1) dropdowns, and an 'Add' button. A 'Delete Selected' button is at the bottom of the table.



Reporting

- **Robust Reporting:** Generate comprehensive reports based on projects, dates, and team members. Gain valuable insights into work performance effortlessly.
- Reports are detailed summaries or analyses of project, time tracking, or task data. They help in making informed decisions and assessing performance.
- Export all data to Excel format for in-depth analysis and further evaluation.





Assignment Management

- Notilus Scheduler's Assignment Feature allows you to efficiently assign and manage your tasks. Effortlessly track task progress, share files, and engage in contextual messaging.
- Efficiently delegate and prioritize all your tasks within a single location. Never lose sight of an assignment or forget about it again.

Assignments

Add & Update Work Details

Project : 80 M MOTOR YACHT

Work : Exterior Render

Email : davidpal@marinedcl.com

Description :

Files

NameType

Add New File

Add New Assignment

Project : 80 M MOTOR YACHT

Work : Teak Plan

Responsible : Eng4

Controller : TL1

Deadline : 15 Aralık 2023 Cuma

Priority : 1

Department : Outfitting

☐ Not Set

☐ Set In Progress

Add

Assignments

Project : All Projects

	Department	Project	AssignedBy	AssignedTo	Controller	Priority	Work	Deadline	Status	
▶	Outfitting	140 M MOTORYACHT	Administration	TL1	Eng1	1	3d Cable Tray	18.12.2023	Pending	▼
	Outfitting	140 M MOTORYACHT	Administration	TL2	Eng3	1	Electrical System	13.12.2023	Pending	▼
	Structural Design	140 M MOTORYACHT	Administration	Administration	PM1	1	101 Block Structural Hull Model	15.12.2023	Pending	▼
	Outfitting	15 M WORK BOAT	Administration	Eng3	Eng3	1	AC & DC Single line Diagram Revision	12.12.2023	Pending	▼
	Outfitting	15 M WORK BOAT	Administration	Eng3	PM1	2	Electric & Electronic Exterior Lights Plan	12.12.2023	Pending	▼
	Outfitting	15 M WORK BOAT	Administration	Eng4	TL2	2	Jakuzzi Systems	20.12.2023	Pending	▼
	Structural Design	40 M SAILING YACHT	Administration	Eng5	TL2	1	Structural Hull Scantling Calculation	21.12.2023	Pending	▼
	Structural Design	40 M SAILING YACHT	Administration	TL2	PM1	3	Project Meeting	14.12.2023	Pending	▼
	Exterior	80 M MOTOR YACHT	Administration	Eng4	PM1	1	Exterior Render	13.12.2023	Pending	▼
	Outfitting	80 M MOTOR YACHT	Administration	Eng4	TL1	1	Teak Plan	15.12.2023	Pending	▼
	Financial	General	Administration	TL1	Administration	1	Supplier Payment	25.12.2023	Pending	▼
	Human Resources	General	Administration	TL1	Administration	1	Performance Chart Report	15.12.2023	Pending	▼
	Software Development	General	Administration	Eng6	TL1	1	Software	19.12.2023	Pending	▼

Messaging

Delete Selected

Save



Collect all your naval architecture data in one place

CENTRALIZED WEIGHT DATA

Keep all weight information in one place for easy access and management.

WEIGHT TRACKING

Monitor structural and equipment weights consistently throughout the project.

TRACK WEIGHT IN RHINO

Perform weight calculations directly inside Rhino, fully integrated into your workflow.

PREDICTIONS

Import weight items into Rhino and visualize them directly within your 3D model.

Notilus Weight



Data Entry

Yacht Entry

Weight Info Entry

Category Entry

Item Entry

Material Entry

Select or Create a Yacht

Yacht : NTLS 40

Get Predictions

Super Yacht Data

Monitoring Data

Set Revision

Compare Revision

Settings

Shift CoG

Export as Csv

Category

Hull 8

Superstructure 15

Propulsion _Exhaust: 6

Manoeuvring _Stabil 20

Generators _Electrics 15

Seawater Cooling 6

Oil System 8

Fresh Water 8

Fuel System 16

Compressed Air Syst 0

Hydraulics 25

Bilge _Fire System 9

Sewage System 13

Scupper System 3

HVAC 12

NavCom 5

Insulation 21

ER Outfitting 12

Ground Tackle, Moor 3

Life Saving Equipme 7

Deck Inventory 9

Railings 6

Windows _Glass 2

Paneling _Furniture 3

DomesticAppliances 8

<

Load Conditions

Weight Type

Light Ship

Arrival Load

Half Loaded



Analyze vessel displacement, trim, heel, and stability in real time, while instantly generating equilibrium conditions and class-ready hydrostatics documentation.

REAL-TIME HYDROSTATICS

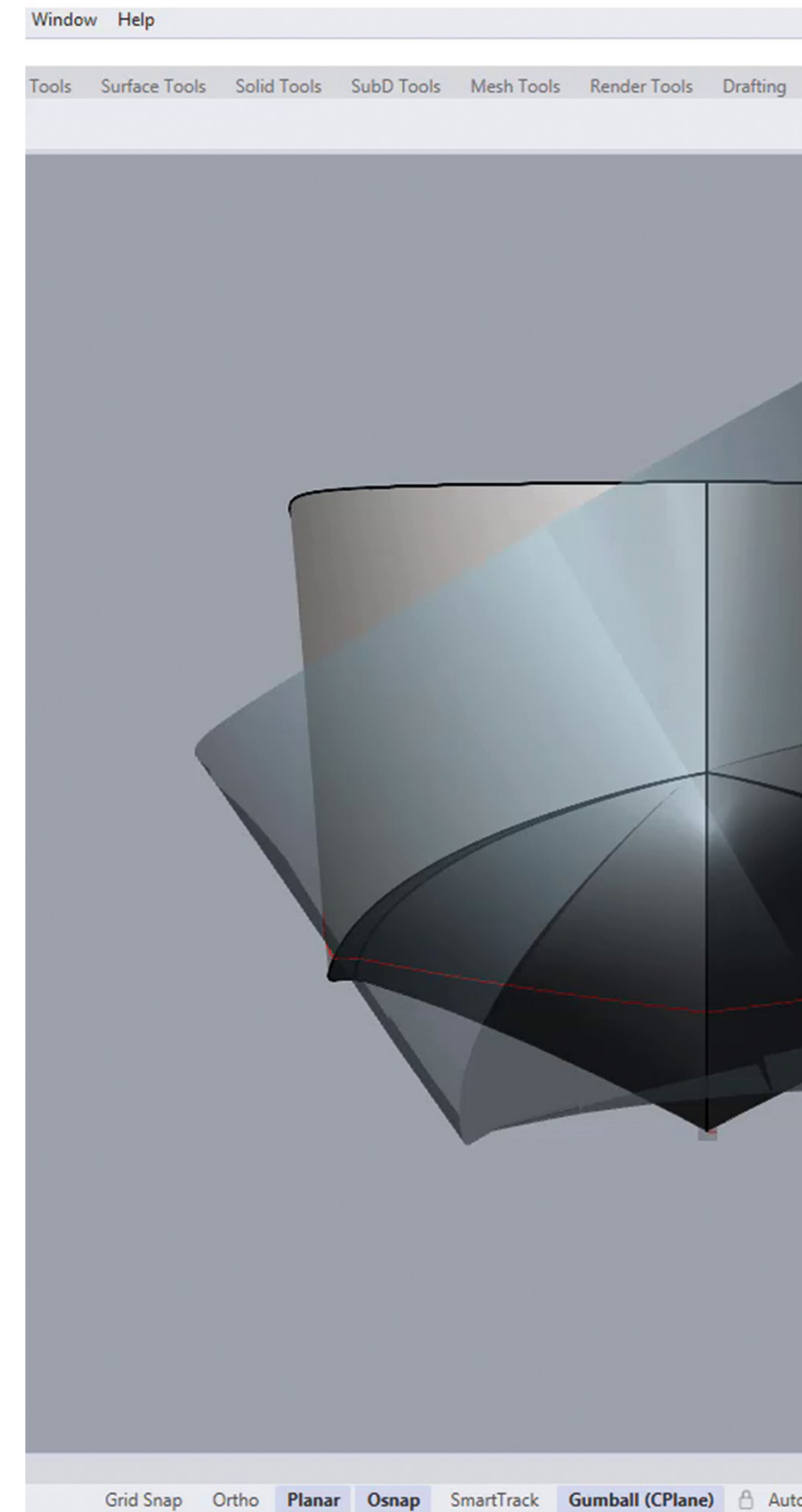
Continuously calculate displacement, draft, trim, and stability parameters as the design evolves in Rhino.

REAL-TIME EQUILIBRIUM

Instantly solve for vessel equilibrium under weight and buoyancy forces, updating heel and trim dynamically.

INSTANT LINES PLAN WITH OFFSET TABLE

Generate a lines plan and offset table directly from the 3D model, providing class-ready hydrostatics documentation in seconds.





Simulate and manage mechanical assemblies such as hinges, pistons, and fasteners directly in Rhino with realistic motion and constraints.

HINGE SIMULATION

Define and simulate hinge joints to test opening angles,

BOLT & NUT LIBRARY

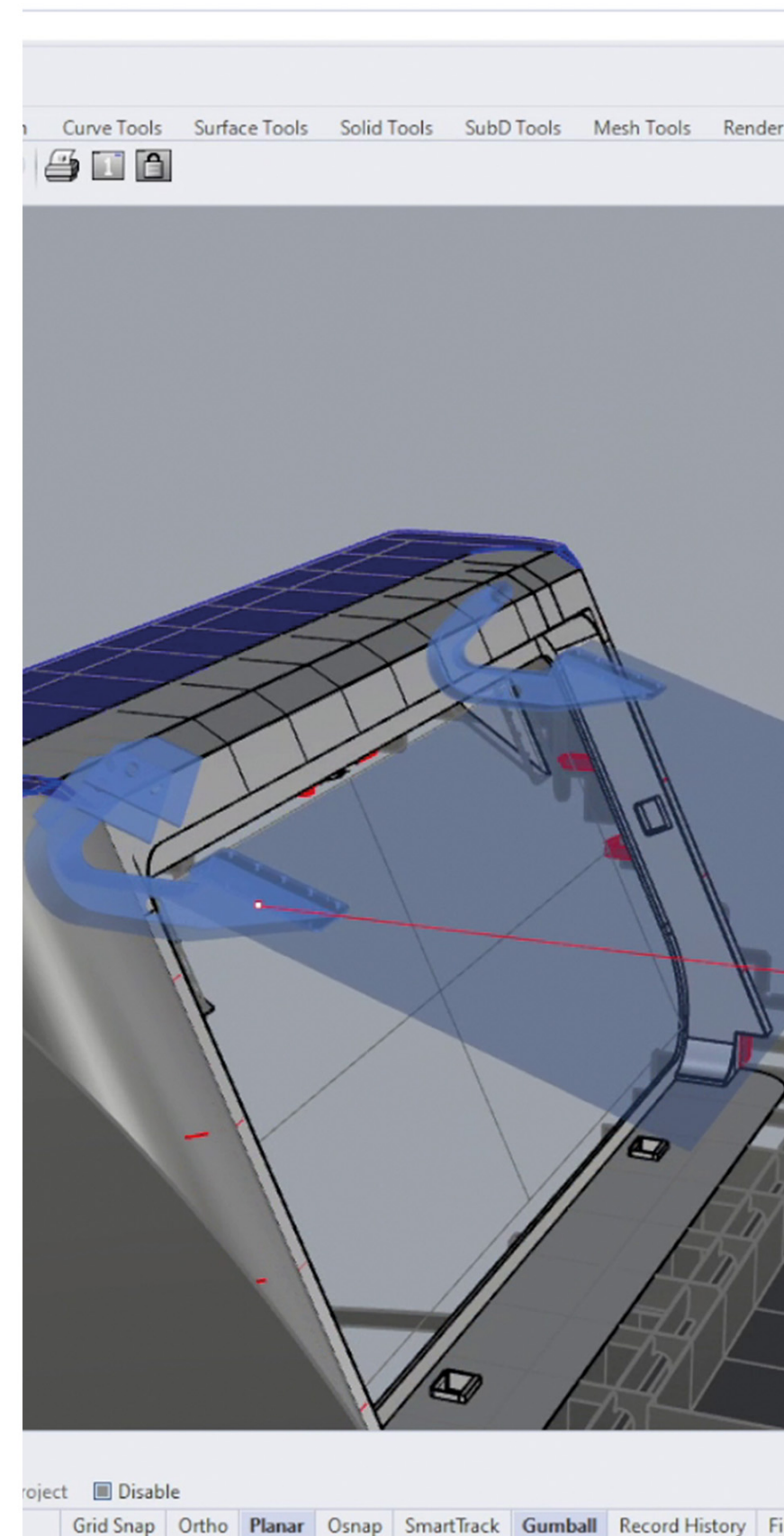
Place and parameterize bolts, nuts, and screws with standardized libraries, including hole-fit classes.

COLLISION CHECK

Automatically detect clashes between moving parts, including clearance checks for assemblies.

MOTION LIMITS & STOPS

Define angular or linear travel limits, hard stops, and soft-damping zones for realistic movement.





Notilus AI transforms natural language into Rhino automation in seconds.

AI-POWERED SCRIPT GENERATION

Convert natural-language instructions into executable Rhino commands. No coding required.

ONE-CLICK EXECUTION

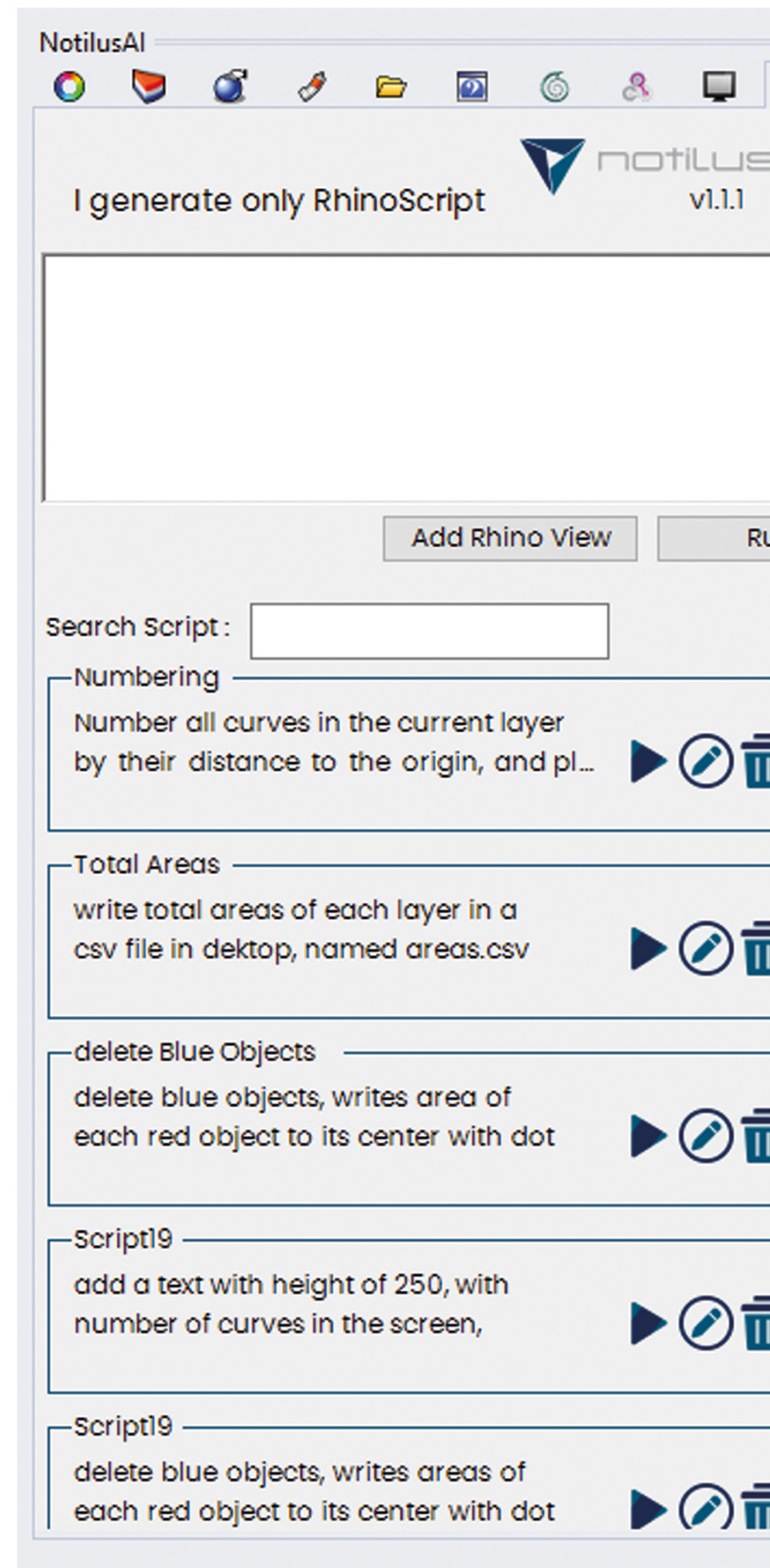
Every script becomes a ready-to-run command. No copy-paste needed — just click and go.

JUST DESCRIBE IT

Type what you want — “Create 20 evenly spaced holes on a surface” — and get a working script instantly.

SCRIPT LIBRARY

Save, rename, group, and manage your scripts. Build your personal design toolkit.



A COMPREHENSIVE SOLUTION FOR THE MARINE DESIGN INDUSTRY

for more information visit notilussoftware.com

CLIENTS



**A COMPREHENSIVE SOLUTION FOR
THE MARINE DESIGN INDUSTRY**

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