



DYNASTRUCT
— DRAUGHTING & DESIGN —



DESIGN



DRAUGHT



DELIVER



DYNASTRUCT
— DESIGN | DRAUGHT | DELIVER —

PEOPLE
PLANS
STRUCTURES
PROGRESS

A STRONGER
TOMORROW

EXECUTIVE OVERVIEW

A trusted technical partner for
engineering and construction projects

DynaStruct is an external technical partner that helps organisations turn ideas into buildable outcomes. We provide practical engineering support that adds capacity, expertise and clarity across the project lifecycle.

Our focus is on delivering high-quality, reliable technical information that helps clients make informed decisions, maintain project control and achieve successful outcomes more efficiently.



CAPACITY



COLLABORATION



DELIVERY



LONG-TERM
VALUE

KEY BENEFITS FOR CLIENTS



**FLEXIBLE
TECHNICAL CAPACITY**

Access the right level of technical support whenever your project needs it.



**FASTER
RESPONSE**

Get responsive, practical support to keep your project moving and decisions on track.



**PRACTICAL
PROJECT OUTPUT**

Receive clear, coordinated technical information that integrates with your project processes and team workflows.



**REDUCED
OVERHEAD**

Access specialist expertise without increasing permanent overhead, giving you a more efficient way to deliver projects.



*Your team retains control.
DynaStruct provides capacity.*

One technical partner — from concept development to project delivery.



www.dynastruct.co.za



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CORE SERVICES

Practical technical capability across design, draughting, detailing and project support.

01



DESIGN

Concept development support, technical layouts and buildable engineering solutions.

02



2D DRAUGHTING

Accurate, standards-compliant 2D drawings for engineering, fabrication and construction.

03



DETAILING

Detailed structural and fabrication information including connections, assemblies and issue-ready drawing content.

04



3D MODELLING

Intelligent 3D models for visualisation, coordination and production-ready outputs.

05



DRAWING RECONSTRUCTION

Convert poor-quality, incomplete or outdated drawings into clean, controlled CAD information.

06



AS-BUILT SERVICES

Combine site verification and as-built reconciliation to capture real-world conditions and update project information accurately.

07



ESTIMATION

Quantity-based estimating support, scope understanding and project planning assistance.

08



SUPPORT SERVICES

Responsive project and technical support including revisions, mark-ups, tender support, procurement support, document control, issue packs and stakeholder coordination.

TYPICAL DELIVERABLES



PDFs
(for issue)



DWG
(editable files)



DXF
(for cutting)



IFC
(model exchange)



GA drawings
(general arrangement)



Assembly
drawings



Single-part
drawings



3D models
(native files)



NC/DSTV
(where applicable)



Material lists
(BOM)



Cutting lists
(by profile/plate)



Bolt lists
(and hardware)



Packing lists
(for site delivery)



Drawing registers
(tracking and control)



Transmittals
(controlled issue)

**Detailed. Accurate.
Built for what's next.**

PEOPLE
PROJECTS
POSSIBILITIES



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INDUSTRIES WE SERVE

DynaStruct supports projects across a broad range of sectors, applying the same focus on clarity, buildability, coordination and reliable technical delivery.



OUR INDUSTRIES



STRUCTURAL

Buildings, steel structures, platforms, walkways, stairs and general structural steelwork.



MINING

Process plants, support structures, conveyors, chutes, walkways, platforms and associated infrastructure.



INDUSTRIAL

Manufacturing plants, processing facilities, operational infrastructure and industrial buildings.



COMMERCIAL

Warehouses, office blocks, retail facilities, mixed-use developments and business premises.



FABRICATION

Steel fabrication, platework, custom components and manufacturing support documentation.



RESIDENTIAL

Residential developments, custom homes and structural improvements.



MECHANICAL

Mechanical systems, equipment supports, structural, piping and plant infrastructure.



RELATED EXPERIENCE & PROJECT THEMES



Buildings and infrastructure (industrial, commercial and residential)



Process plants and industrial facilities



Materials handling systems and support structures



Steelwork, platforms, walkways, stairs, ladders and handrails



Industrial equipment supports and mechanical systems



Conveyor support structures, chutes, hoppers and bins



Modifications, upgrades and brownfield works



Fabrication drawing packages and project-ready documentation



DIVERSE SECTOR EXPOSURE



Buildings & infrastructure



Process plants



Materials handling



Industrial equipment



Support structures



Mechanical systems



Versatile capability. Practical delivery. Project-ready support.



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WORKFLOW, QUALITY & DELIVERABLES

Structured process. Reliable issue information.

OUR 7-STEP WORKFLOW



QUALITY BEFORE ISSUE

DRIVEN BY DESIGN. DEFINED BY DETAIL.

- | | | | |
|--|--|--|--|
| | Drawing-to-model checks
Ensure drawings match the 3D model and design intent. | | Drawing completeness
Ensure all required views, dimensions, notes and details. |
| | Part and assembly numbering checks
Verify consistent and sequential numbering. | | CNC/DXF coordination
Validate files for cutting and manufacturing. |
| | Material and quantity verification
Check materials, grades and quantities. | | File naming and issue package control
Consistent naming, structure folders and transmittals. |
| | Revision checks
Confirm latest information and revision status. | | Final QA sign-off
Independent review and approval before issue. |

TYPICAL DELIVERABLES

PRACTICAL SOLUTIONS. REAL IMPACT.



The objective is not simply to produce drawings, but to issue information that project, fabrication and site teams can use with confidence.



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FOUNDER & TECHNICAL LEAD

Ruhan Naudé

Founder | DynaStruct

Ruhan Naudé is the founder and Technical Lead of DynaStruct, bringing approximately seven years of hands-on experience across engineering design support, draughting, 3D modelling, structural steel detailing, drawing reconstruction, as-built work, estimation and broader technical and project support.

His background spans structural, commercial, industrial, mining, fabrication, residential and mechanical environments, with practical involvement from early concept and layout development through detailed documentation, fabrication coordination, site support and project close-out.

His experience includes commercial buildings and warehouses, structural frames, stairs and access systems, process and support steelwork, plant modifications and equipment-support arrangements. This breadth provides a practical understanding of how design intent, fabrication requirements, construction realities and project controls interact.

Ruhan remains directly involved in DynaStruct's technical output and client delivery, giving clients clear communication, accountability and a hands-on partner focused on accurate, buildable and commercially useful results.

**7**YEARS
EXPERIENCEBROAD
MULTI-SECTOR
EXPERIENCEDESIGN TO
DETAIL
WORKFLOWDIRECT
FOUNDER
INVOLVEMENT

Clients deal directly with the person responsible for technical output and delivery quality — ensuring clear communication, accountability and committed support from concept to completion.

REAL PEOPLE. REAL SOLUTIONS. REAL IMPACT.



DESIGN



DRAUGHT



DELIVER

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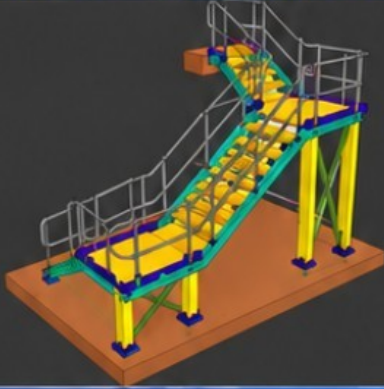
**DYNASTRUCT**

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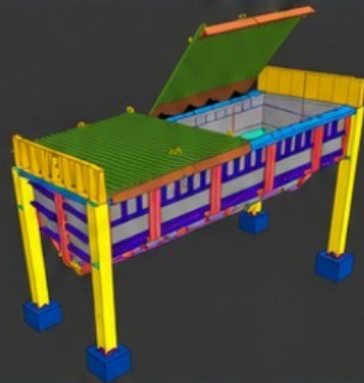
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RELATED EXPERIENCE & EXAMPLE PROJECTS

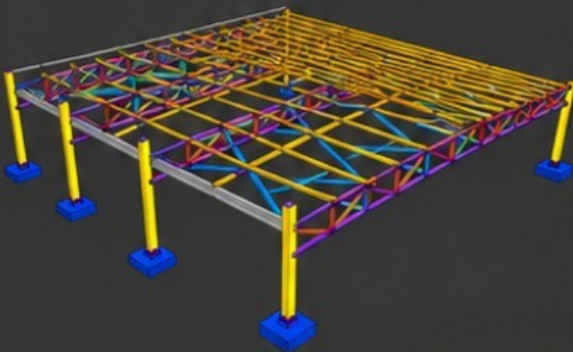
Representative modelled examples and delivery capability across multiple sectors.



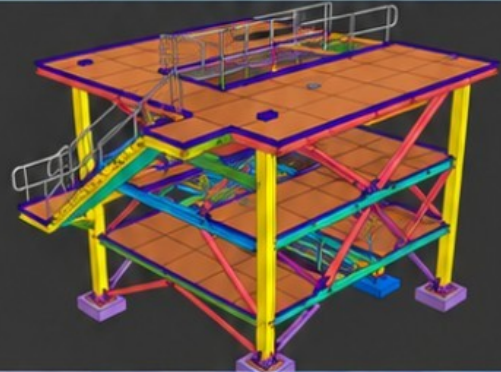
INDUSTRIAL ACCESS STAIRCASE
AND HANDRAILS



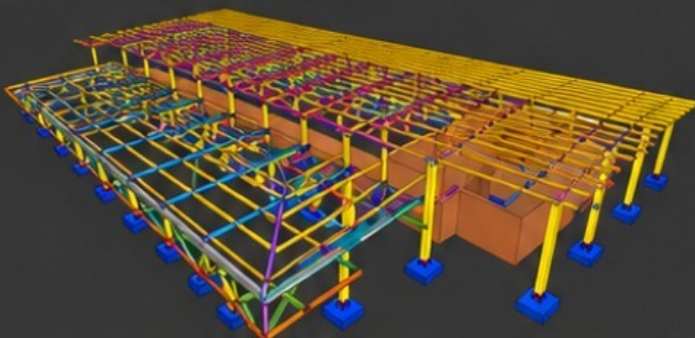
COVERED CHUTE /
MAINTENANCE ACCESS STRUCTURE



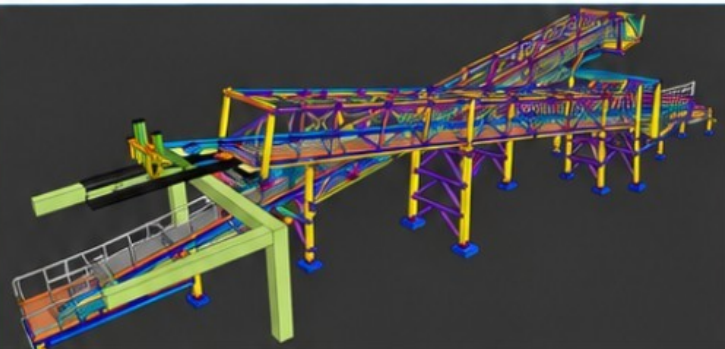
STEEL PORTAL-FRAME ROOF /
BUILDING STRUCTURE



MULTI-LEVEL
ACCESS PLATFORM STRUCTURE



STRUCTURAL STEEL BUILDING /
ROOF FRAMING MODEL



CONVEYOR / TRANSFER /
WALKWAY SUPPORT STRUCTURE

These are representative examples illustrating the types of technical work DynaStruct supports across structural, commercial, mining, industrial, fabrication, residential and mechanical environments.



COMMERCIAL



INDUSTRIAL



MINING



RESIDENTIAL



MECHANICAL



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ENGAGEMENT MODELS & NEXT STEP

Flexible support tailored to your workload.

ENGAGEMENT MODELS



Ad-Hoc Technical Support

On-demand help for revisions, detailing, draughting or urgent technical work.



Project-Based Packages

Defined scopes for full drawing, detailing or documentation packages.



Overflow Drawing-Office Support

Scalable support during peak periods or deadline pressure.



Reserved Monthly Capacity

Dedicated recurring support for regular workloads.

WHY THIS MODEL WORKS FOR CLIENTS



SCALABLE CAPACITY

Increase or reduce support based on your project needs.



REDUCED PERMANENT OVERHEAD

Access experienced technical resources without the cost of additional staff.



FASTER RESPONSE

Get technical support when you need it, keeping projects on track.



PRODUCTION-FOCUSED OUTPUT

Drawings and detailing prepared for real fabrication environments.



CONTINUITY THROUGH AN EXTERNAL PARTNER

Long-term support that adds stability and capability to your operation.



Final pricing is aligned to scope, complexity, deliverables and programme requirements.

PROPOSED FIRST STEP



We invite you to start with one suitable drawing package, detailing package, site verification assignment, or defined technical scope to establish the preferred workflow

DynaStruct looks forward to supporting your next engineering, commercial, industrial, mining or fabrication project.

LET'S DISCUSS YOUR REQUIREMENTS



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