



# SYSTEM BRIEF:

## *Overview & Features*

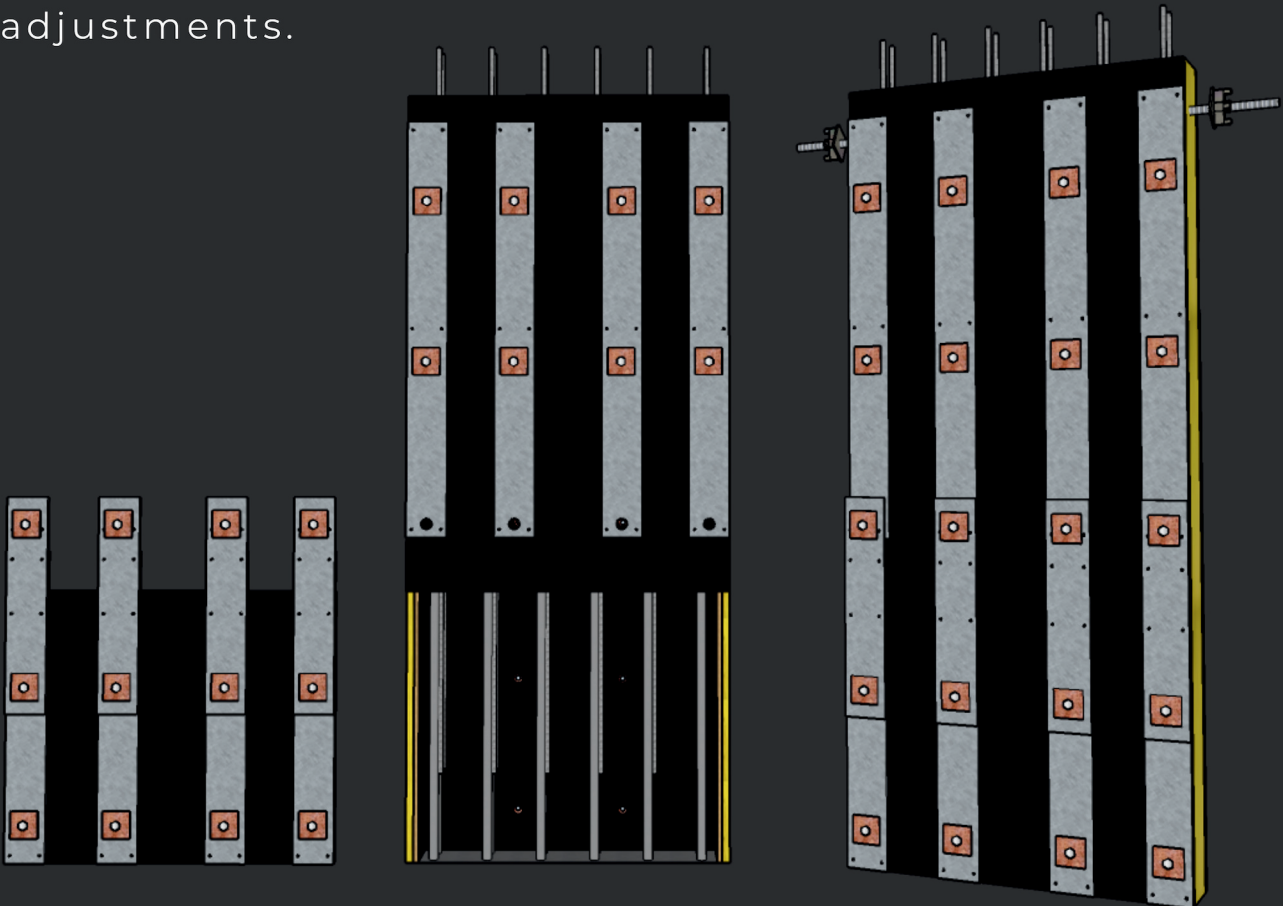
# SYSTEM BRIEF

---

**Rapid Columns** Formwork System, an innovative prefabricated system designed to streamline the construction process. The System offers a seamless solution for columns and walls, effortlessly installed on-site with crane precision.

Prioritising safety and access, (Rapid Columns) ensures a secure work environment by eliminating slab penetrations and reducing storage requirements. With unmatched flexibility and adaptability, the system accommodates diverse steel profiles, concrete mixtures, and finishing classes without compromising structural integrity and quality.

The system embodies sustainability and cost-effectiveness, minimising material waste, logistics expenses and labour requirements. (Rapid Columns) offers unparalleled efficiency with streamlined logistics, rapid installation capabilities, and precise engineered solution that eliminates the need for on-site adjustments.



# SYSTEM FEATURES



## SAFETY-FIRST DESIGN



Enhance on-site safety and mitigate the risk of injuries with our system, ensuring secure access throughout the construction process.



### SLAB PENETRATIONS

Eliminates Slab Column Penetrations.



### SITE ACCESS

Enhances Site Access & minimises the storage requirements.



### HOT WORK

Reduces Hot work activities & associated injuries.



### FORMWORK DESIGN

Eliminates the need for Formwork Design updates.

## SUSTAINABLE AND COST-EFFECTIVE



Embrace sustainability and cost-efficiency with our system, reducing expenses and environmental impact through innovative design and materials.



### DUMPING & STORAGE COST

Reduces Dumping & Storage Costs.



### DELIVERIES & LOGISTICS COST

Reduces overall Logistics Costs by streamlining operations.



### LABOUR COST

Minimises Labour Costs and reduces skills requirements.



### RECYCLABLE & RE-USABLE

Fabricated using recyclable & re-usable formwork components.

# SYSTEM FEATURES



## FLEXIBLE & COMPATIBLE



Discover unmatched flexibility and compatibility with our system, accomodating a wide range of installation needs and meeting construction standards. The System reduces construction limitations and increases design versatility.



### PIPING & CAST-IN

Allows Piping and Cast-in installation.



### WATERPROOFING & FIRE-RATING

Meets Waterproofing and Fire-rating requirements.



### STEEL PROFILES

Accommodates diverse steel profiles.



### CONCRETE MIXTURES

Accommodates all types of concrete mixtures.



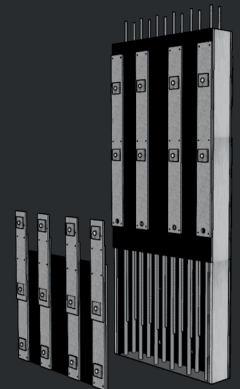
### CONCRETE VIBRATORS

Allows the usage of concrete vibrators.



### CONCRETE FINISH CLASS

Achieves any desired concrete finish class.



# SYSTEM FEATURES



## FAST & EFFICIENT



Experience unparalleled speed and efficiency with our system, streamlining installation processes and minimising on-site delays to accelerate construction and keep your project on schedule.



### RAPID INSTALLATION

Allows completing installation within 1 day of delivery.



### ON-SITE WORKS & ADJUSTMENTS

Saves time by reducing on-site works and adjustments.



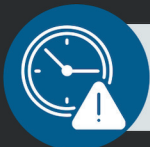
### ENGINEERING INSPECTIONS

Reduces the need for on-site steel inspections.



### HUMAN ERRORS

Minimises Human errors and mistake.



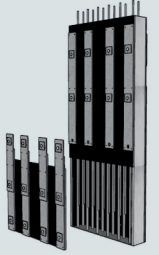
### SITE DELAYS

Reduces Site Delays affecting the project schedule.



# A BRIDGE TO SUCCESS

## RAPID COLUMN'S WORKFLOW:



### 01 | SHOP DRAWINGS & SCHEDULING

- We Estimate and Shop Draw your columns and Walls based on Engineer's Specifications and construction drawings.



### 03 | DELIVERY

- We deliver the columns or walls direct to site.
- Each column will be clearly labeled to avoid errors.



### 05 | STRIPPING & RETURN

- After concrete pour, the columns need to be stripped and returned to Rapid Columns for recycling and re-using on the next floor or the next stage of the project.



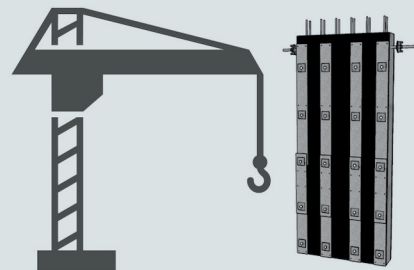
### 02 | PRODUCTION

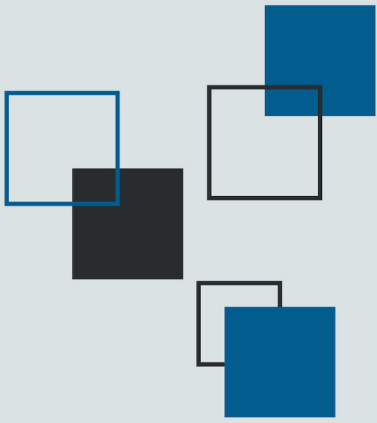
- We commence the production of the columns or walls to the approved shop drawings.



### 04 | SITE INSTALLATION

- As soon as they are delivered, the columns or walls can be immediately lifted and installed in position.





**READY TO ELEVATE  
YOUR CONSTRUCTION  
PROJECTS TO NEW  
HEIGHTS?**

**CONTACT US TODAY**

TO DISCOVER HOW OUR INNOVATIVE SYSTEM CAN  
TRANSFORM YOUR VISION INTO REALITY



**02 9632 5882**

