



**ALLEN BUILDWELL  
PRIVATE LIMITED**



**GENERAL IDEA ABOUT MANUFACTURING, SERVICE FACILITIES,  
CONCRETE PLANTS & OTHER MACHINERY**



**ALLEN BUILDWELL PRIVATE LIMITED**

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# PENTA

High Production Plants with In-Line Bins

60, 75, 90, 120, 160, 200, 240 cum-hr. with TWIN SHAFT Mixers



Road Projects



Ready Mix Company



Irrigation Projects



## Features

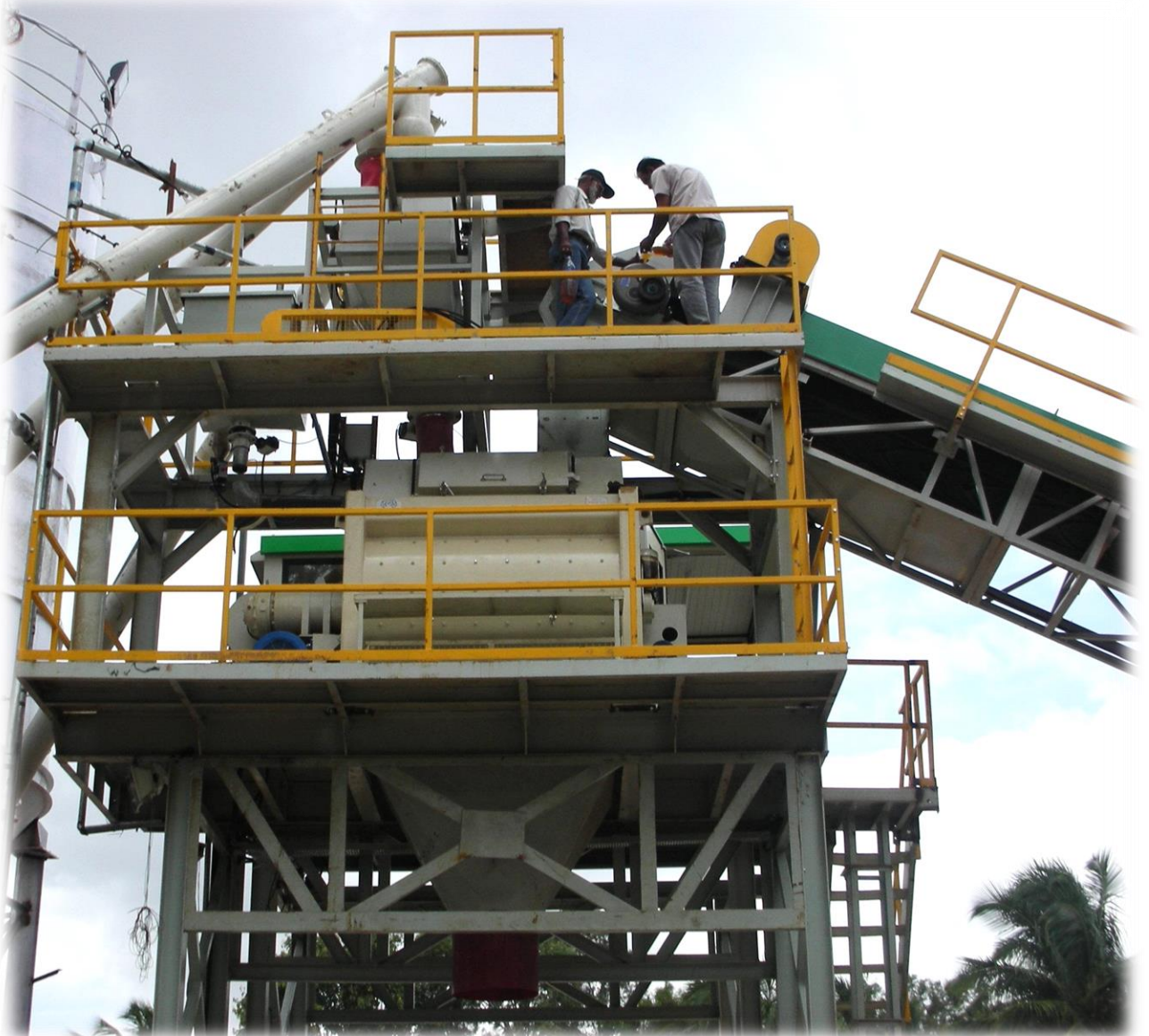
AIR COMPRESSOR, CONTROL CABIN is placed away from the Plant dust area.

Operator gets a full view of the Plant and helps prevent accidents. Control Cabin in this position, needs extra length of Plant Cables and Piping. This is the reason most competition like to keep the Cabin on top near the Mixer or under the Mixer, to save cost of electric cables and piping.



## Features

Custom Built Plants. Conveyors covered, Access Platforms and Safety ladders are provided to reach all the maintenance & calibration points.



## IDS Technologies India Pvt. Ltd.

THE "NO 1" INDIAN BUILT SOFTWARE FOR RMC PLANTS.

PENTA PLANTS WERE THE FIRST TO DEVELOP THE IDS SYSTEM IN THE YEAR 1995.

### The Lasting Bond

Clients: End users



View inside PENTA Control Cabin with IDS Panel

## Single Weigh Conveyor



## Dual Weigh Conveyors



## Features

**PRE-BLENDING** of Weighed Fine & Coarse Aggregates helps the Mixer In achieving homogeneous mixing within the stipulated Mixing time. Very good for Pavement Quality Concrete Production.





**Minimum Foundation for Bins**



**Designed for Quick installation & shifting of the Plant.**



**IN-LINE-BINS can be placed on Compacted PCC base.  
Eliminates costly RCC Column construction and time.**

Various Bin loading options  
Custom designed for  
Individual site applications



**Direct Dumper Tipping**

**Radial Swivel Conveyor**



**By Loader on half ramp**



**Shuttle Conveyor on top of the Bins**





# PENTA concrete plants

Various cement loading Systems with & without Vertical Silo.  
Custom Built for special projects



Cement Root Blower Pump with Hopper for manual cement feeding into Vertical Silo or to blow cement from Bulklers into Vertical Silo.



Horizontal Trough Silo to load cement manually into Vertical Silo through Bucket Elevator Or directly discharge cement into the weighing hopper Eliminating need for Vertical Silo.





Available in  
4, 5 & 6 IN-LINE  
Bins.  
We offer custom  
Designed Plant for  
Pre Cast Industry  
with High Speed  
Planetary Pan Mixer

# PENTA-75 & PENTA 90



First PENTA 75 Concrete Plant was  
indigenously manufactured in India  
in the Year **1995**.



Custom Designed for special site requirements,  
Available with Single Weighing Conveyor & Dual Weighing  
Conveyor. **Large Mixer: 3 cum.** ensures correct rated output.  
**With SINGLE OR DUAL WEIGHING CONVEYORS**



With DUAL WEIGHING CONVEYORS



**Features**

160 cum-hr. Twin Shaft Mixer: 4 cum.  
200 cum.hr. Twin Shaft Mixer: 5 cum.



**PENTA** concrete plants



Inaugurated by the Chief Minister of Andhra Pradesh in presence of very Important dignitaries, TV & Press reporters. A highly important project for the new state of Andhra Pradesh. We are proud to be part of this Prestigious project.



3 UNITS: PENTA 240 Cum-hr DAM PLANTS were selected by the Expert Committee of POLAVARAM Project in the year 2016 over our competition because of the simplicity of our design, dual weigh conveyor system, IDS custom built Software and local availability of 90% of the spare parts. The Plants were financed by M/s SREI Equipment Finance Limited, Hyderabad after being evaluated technically by SREI Technical committee. All 3 Plants are successfully performing creating records each day in production.



# **CUSTOM BUILT CANAL PAVING EQUIPMENT**

Rugged Design for Tough & Hot Site Condition.  
Simple in maintenance & operation.  
Quick change from angled to flat paving mode.



# **CONCRETE ELECTRICAL CYLINDER FINISHER CANAL-ROAD PAVER MACHINE**



# FIXED FORM CONCRETE PAVER

**AB** ALLEN BUILDWELL  
PRIVATE LIMITED



TRIPLE ROLLER TUBE,  
FIXED FORM CONCRETE  
PAVER  
with & without Gang Vibration



MEETS  
IRC & MORTH  
SPECIFICATIONS



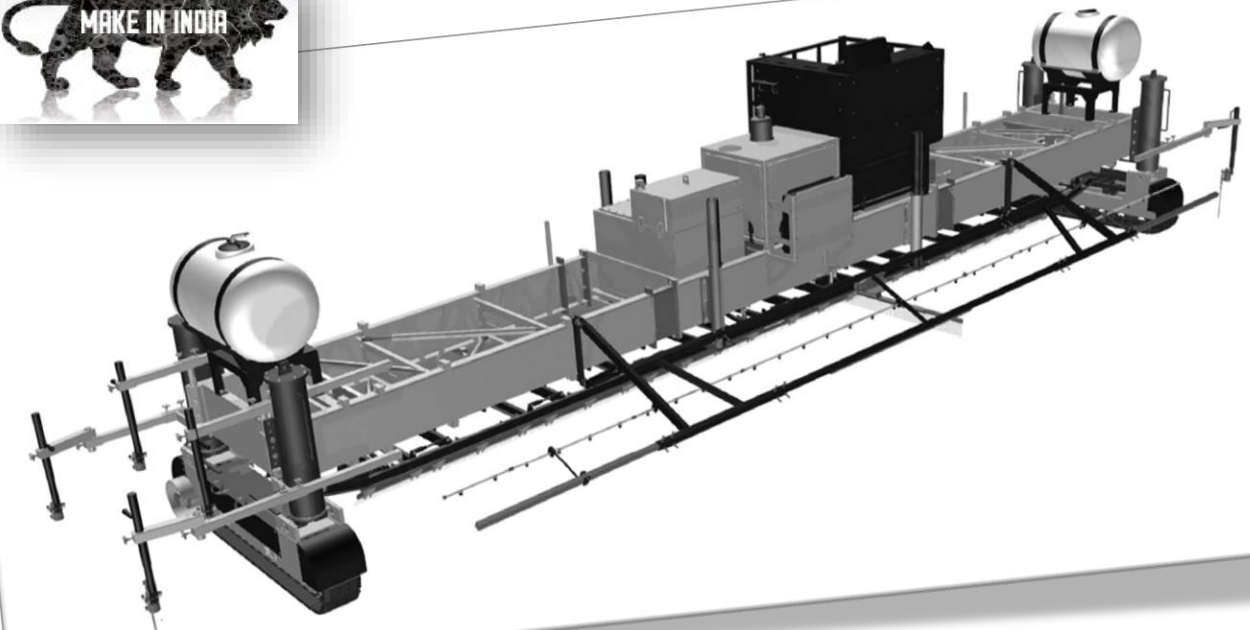
## **ALLEN BUILDWELL UNIT NO-2**

(Manufacturing Unit)  
Talasari, Maharashtra..  
50,000 sq.ft built up.

*Dedicated for Manufacturing  
Concrete Plants, Texture Cure  
Machine, Concrete Fixed Form  
Pavers.*



**TC-1000**



**Texturing & Curing width: 3,5m to 10m**

**TC 1000-Texture Curing machine** is efficiently designed for smooth, straight/transverse grooves, consistently sprayed curing compound across the slab / road and sides of the slab / road. The robust machine provides a stable platform for tining system. and a smooth propel system through all speed ranges, makes the machine simple & robust to use in the toughest Indian site conditions.



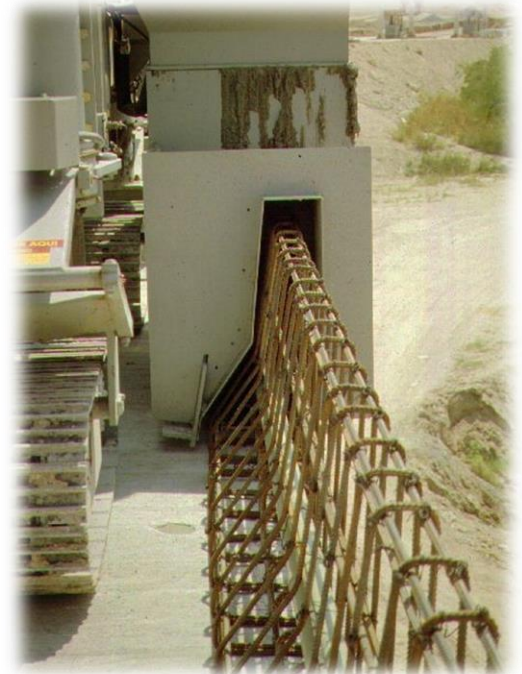
# ROAD & AIRPORT

SF 1700, 2 Track Concrete Slip form  
Paver for City and Major Roads;  
2.75m to 7.5m

SF 2700, 2 Track Concrete Slip form  
Paver for Major Roads & Airports  
3.5m to 9.50m



**Versatile Slip forming  
machines**



**BARRIER OVER STEEL**



**U & V DRAINS**



**ALLEN BUILDWELL.**  
**UNIT NO 3 (Service & Spares Depot)**  
**Karsundi, Raigad Dist. Maharashtra.**  
**Dedicated for Concrete**  
**Paving machinery & Plants.**



**Training, Design & Repair Facility**



# Soil Stabilizers & Reclaimers

Made in Germany



**SBF 24-6**  
**DUST FREE**

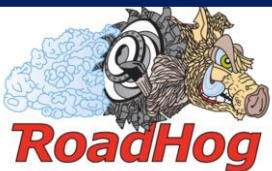


Economical Towed Soil Stabilizer & Reclaimers with Cement Spreader.



High Production Self Propelled **SX-5e**

Made in USA



Ideal for City Road Pot hole repair, Soil Stabilizing & Reclaimer for Medium Projects specially Rural Road rehabilitation & construction. Multipurpose site application.



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