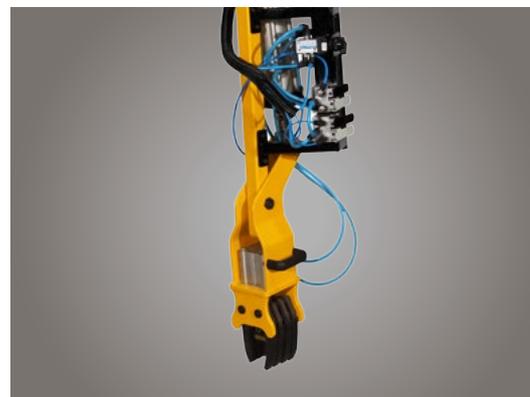


# Customised Handling Equipments



## It's a better move.

Jaycee Equipments Pvt. Ltd. was established in the year 1996, to offer technologically superior material handling systems or what may be called 'pick and place' applications. With their engineering training and an undeniable fascination for technology, the founders aspired to design and manufacture customized solutions for to their industrial clients. In the journey of more than two decades, Team Jaycee have been doing exactly that and are still as excited about innovating new solutions as they were the day they started.

Process efficiency, productivity as well as human safety are top priority for every industrial set up. From lifting heavy material to moving and placing it safely and accurately, our jibs, cranes, manipulators and a range of equipment help in making the process effortless.



## Our Values



### Contribution

An environment of growth and support to every stakeholder.



### Co-operation

Working together to achieve the goals of the organization as well as the stakeholders.



### Honesty

Say what you do and do what you say.

## Mission

To actively help the world change the way they lift, carry and make the process enjoyable



## Vision

To be among the top 10 lift and carry solution providers globally by 2025



## Our Brand Promise



Quality Products, Solutions and Services



Customized Solutions



Innovative Approach



Energy Efficient and Eco-friendly Solutions

# Why Jaycee?

## Experience and Expertise



Team Jaycee have longstanding experience in engineering design and have evolved in tandem with new technologies.

Standard parameters do not bind us and we treat every client as the first, meaning we design customized solutions to suit their unique working environments. We also train the client's operators and other shopfloor resources in the operations and maintenance of the equipment.



## Customized Solutions

## Higher Efficiency and Productivity



Since our solutions are tailor-made to your requirements you get to reap the highest possible economic benefit for your business. With increased productivity and the highest safety quotient, the down time is minimal and your resources operate at their best performance levels.

We lay distinct accent on developing solutions in house and are completely self-reliant with design expertise as well as manufacturing capabilities.



## In House Capabilities

## Post Sales Support



We assure our clients of reliable post sales support with their handling equipment. Our engineers and technicians are prompt to respond to their on-site queries.





- 
**Max Weight Capacity**  
**10 – 1000 Kg**
- 
**Work Radius**  
**700 – 3200 mm**
- 
**Controls**  
**PNEU, HYD, ELEC**
- 
**Working Pressure**  
**PNEU 5-6 Kg/cm<sup>2</sup>**



# Industrial Manipulators

Industrial manipulators are machines which are used to control, handle or lift material without making direct physical contact. A manipulator has a mechanical arm which can move horizontally and vertically. As per the industrial application need, customized grippers/ end effectors, arms are manufactured and attached with manipulators.

Jaycee designs and manufactures Industrial Manipulators for various repetitive material handling pick and place applications.



## Types



Fixed Overhead



Overhead Trolley Mounted



Pallet Mounted



Pillar Mounted

## Applications



Tyre Handling



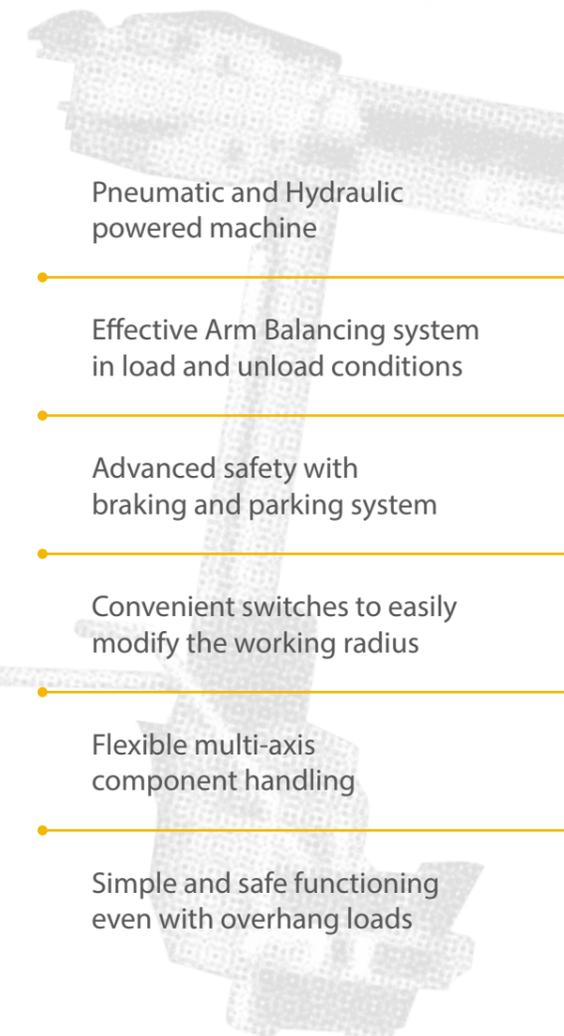
Cowl Handling



Pump Handling



Leaf Spring Handling



Pneumatic and Hydraulic powered machine

Effective Arm Balancing system in load and unload conditions

Advanced safety with braking and parking system

Convenient switches to easily modify the working radius

Flexible multi-axis component handling

Simple and safe functioning even with overhang loads



- 
Max Weight Capacity  
**20 – 2000 Kg**
- 
Work Radius  
**2 – 5 meter**
- 
Controls  
**PNEU, HYD, ELEC**
- 
Boom Rotation'  
**360°** (Pillar Mount) **270°** (Wall Mount)

# Jib Crane

Jib cranes are basically an overhead type lifting device used for material handling and lifting. Jib cranes are the perfect material handling solution for many small to medium scale industries, as they occupy compact space and allow efficient handling and lifting of material.

Jaycee being one of the prominent manufacturers and suppliers of jib cranes in India as well as globally, focuses on robust and efficient design that industries can easily accommodate and use in their existing workplace.



## Types



Pillar Mounted Jib Crane



Wall Mounted Jib Crane

## Applications



Cylinder Lifting Application



Vacuum Lifting Gripper



Assembly Line Handling Jib Cranes



Component Handling Jib Crane

360 degree Boom Rotation

Advanced safety with braking system

Various lifting devices of higher capacity attached

Power drive kits available

Single operator can perform any lifting task

Compact and robust design



# Scissor Lifts

Scissor lifts are machines which are used to move the material or operators in the vertical direction. A scissor lift allows the operator to complete the same jobs more easily and efficiently without the setup time of other equipment, such as ladder or a tower, and without a ladder's dangerous instability.

Jaycee offers pneumatic and hydraulic scissor lifts in varied power options. Suited to various working heights and platform capacities, it's easy to find a model that fits the needs of your job site.

## Types



Stationary Scissor Lift



Portable Scissor Lift

 Max Weight Capacity  
**50 – 50000 Kg**

 Work Height  
**6.70 m | 22 Ft**

 Controls  
**HYD, PNEU**

## Applications



Unloading Mechanism



Scissor Lift for Utility Applications



Assembly line material handling



Scissor-Car-Lift-Platform

Easy access to height and spot which is hard to reach

Simple to operate and to perform lifting operation

Available in varied power options

# Conveyors

Conveyor mechanism is used for transferring material from one location to another. Conveyors are useful for applications where heavy, bulk material is transported. Conveyor system enables fast and effective transport from very small to large sizes of a wide variety of materials.

This system is mainly used for storage facilities, assembly lines, obtaining raw materials, packaging line, food inspection line and much more. Jaycee conveyor system is designed to operate at different speeds. The system is electronically controlled so that the operator can operate the machine easily.



Light Weight Capacity  
**100 g to 50 Kg**



Heavy Load Capacity  
**Up to 5000 Kg**



Controls  
**ELEC**



## Types



Roller Conveyor



Chain Conveyor



Assembly Line-Floor Conveyor



Storage Conveyor with Lifters



Loading & Unloading Mechanism



Curved Roller Conveyors



Wire mesh+chain conveyor Belt



Flat Belt Conveyors

Electric controls

Light and heavy duty systems

High compatibility

Cost-effective

Efficient movement

Superior quality raw material



- 
Max work Reach  
Up to 5 meter
- 
Max Torque Range  
Up to 1800 Nm
- 
Tool Attachments  
**Bolt tightening ,  
Tapping machine**
- 
Tool Up & Down  
**Pneumatic**
- 
Tool Wrench  
**Electrical,  
Programmable**

## Torque Arms

Jaycee designs and manufactures ergonomic Torque Arms for tightening fasteners precisely and in safely manner, and also torque arm tapping machine for effortless and safe tapping operation.

Torque reaction arm eliminates the torque reaction and enables effortless handling by operators. It provides smooth operation and improves overall speed and productivity.



### Types



Bolt tightening Torque Arm - Assembly line



Pillar Mount Torque Arm - Assembly line

Pneumatic/ mechanical powered system

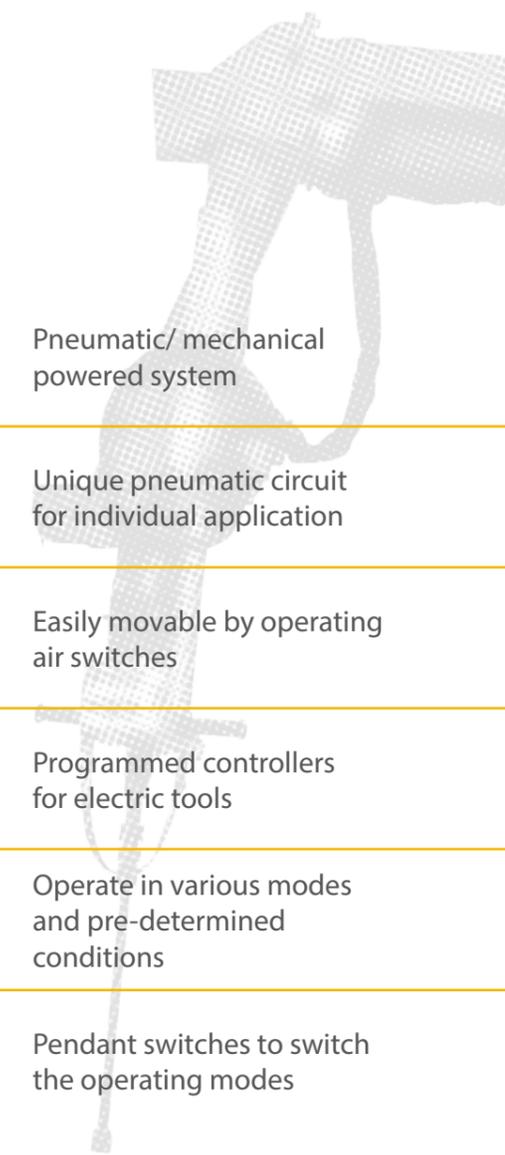
Unique pneumatic circuit for individual application

Easily movable by operating air switches

Programmed controllers for electric tools

Operate in various modes and pre-determined conditions

Pendant switches to switch the operating modes



# Special Purpose Machines (SPM)

Special Purpose machines are used to reduce overall production time, labor cost, efforts and to improve productivity. SPM helps to achieve high ROI and to implement automation to replace traditional systems.

Special Purpose Machines offer tremendous scope for high volume production at low investment and at low cost of production. A judicious combination of limit switches, sensors, logic controls, automatic job clamping, etc. is the essence of our SPM.



Pump Assembly-Lifter



Torque Machine Trolley



Motor Assembly Lifting Machine



Welding Machine



Turnover Device



CMM Bed Transfer Trolley

# Sectors catered

We are proud to have catered to diverse industrial sectors like construction, manufacturing, chemical, packaging, engineering, automotive, textiles and more.



# Clients

Jaycee is happy to have rendered services to an august list of clientele



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Proud to be associated with

