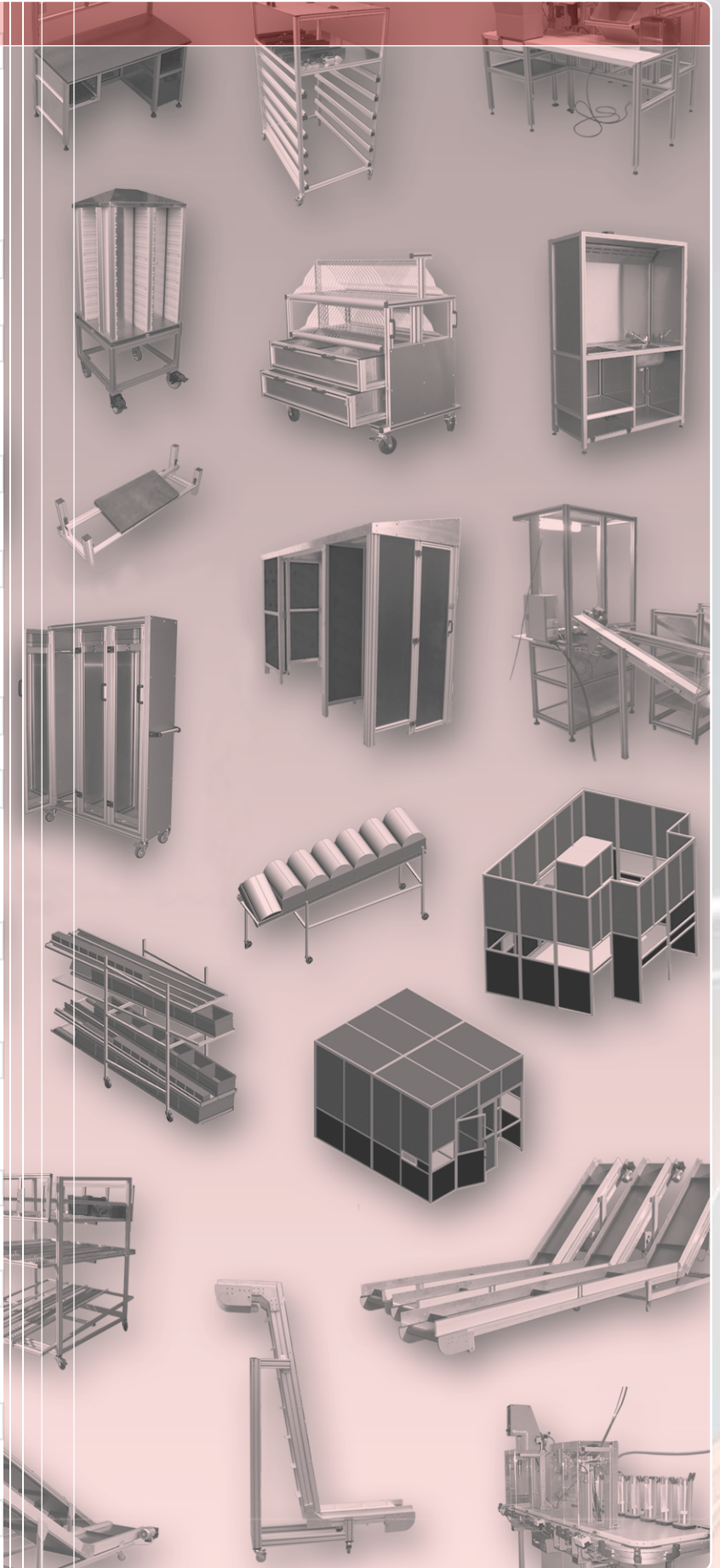
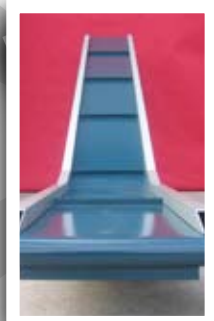




Section 1

# Introduction





## CAPS - IDP

CAPS - IDP is an Australian company, focused upon manufacturing and supplying cost effective, high quality production equipment and specialised tooling to the Manufacturing, Automation and Aviation industries. Established in 1992, CAPS - IDP prides itself as a manufacturer, importer and supplier, of local and overseas products.

Having offices in Victoria and Queensland, and agents throughout Australia, we manufacture aluminium profiles, assembly stations, production lines and conveying systems. We are the authorised importer for profile accessories, gripper mechanisms, bellows, industrial shock absorbers and machine maintenance equipment. We are authorised representatives for automation equipment and tooling including hand and power tools.

We supply the Aviation industries (Commercial, Military and GA) with high quality tools and equipment, being the authorised importer for many of these products, which are manufactured mainly in the USA and Europe.

We pride ourselves on our service to our clients and the knowledge of the products we represent and invite you to give us an opportunity when sourcing your product requirements.

## Mission & Vision

To maintain and constantly develop a successful company whose products, services and capabilities are accepted by our customers as offering unparalleled value and quality whilst providing our principals with exceptional technical sales representation.

## Contact Details

**Online:**  
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**PH:** +61 3 9761 6377  
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PO Box 898  
Bayswater North  
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## Introduction

The practice of modular design has evolved over the years. Electronic component manufacturers were some of the first industries to offer modular products. These products are used as building blocks for more complex applications. Having a long established reputation within the demanding European industrial sectors these products are now accepted in Australia. The Automation Profile System (APS) is an industrial building kit that is made in Australia. APS is extremely versatile and can be used in a wide variety of applications and modern plant construction. The APS is functional, economical, flexible and simple to use.

### Features include:

- No welding
- No painting
- No processing other than drilling, tapping and sawing
- Low maintenance
- Aesthetically pleasing
- Less engineering time due to standard components
- Standard components are reusable
- Timesaving construction through reduced assembly time
- No special tools required
- Proven durable design
- Readily adjustable
- Additional changes can be made after construction (additional members, removal of parts, changes in geometry)
- Easily re-mountable (later construction alterations are realized without problems)

### Applications Include:

- Work Benches
- Work Stations
- Assembly Stations
- Enclosures, Guards and Partitions
- Machine Stands and Bases
- Conveyor and Transfer System
- Shelves and Storage Systems
- Infeed Table
- Test Rigs
- Transport Trolley and Shop Carts





## Basic Elements of the APS

This catalogue presents the basic mechanical elements of Automation Profile System (APS). The APS is comprised of Aluminium Profiles, joining elements and a wide range of accessories.

## Disclaimer:

Based on policies committed to constant improvements of products and services, all information contained within this catalogue is subject to change without prior notice.

It is strongly recommended that prior to commitment to any of the products or services, confirmation of specifications, price and availability be obtained from CAPS - IDP.

## Symbols:

This catalogue displays an array of symbols that assist with product section & navigation throughout the catalogue.

6.8 Profile core hole diameter	Assemble	Socket head cap screw
M8 Recommended tap size for profile core	Dropped in place	Button head screw
8 Slot width of standard profile	Position / Adjust	Counter-sunk screw
8 Slot width of special profile	Tighten with spanner	Grub screw
8 10 Possible connection between different widths	Allen key required	Slide nut
P45x45 Profile the item is suited too	Cut / Cut Angle	T-nut
ALL Item is suited to all profiles	Drill size and depth	Flat washer
P90x90 Profile the item is not suited too	Tap size and depth	Counter-sunk washer
2.16 Reference another page	Counter-bore size & depth	Detachable hinge
Through hole	No machining required	Non-detachable hinge



**Practical Examples:**

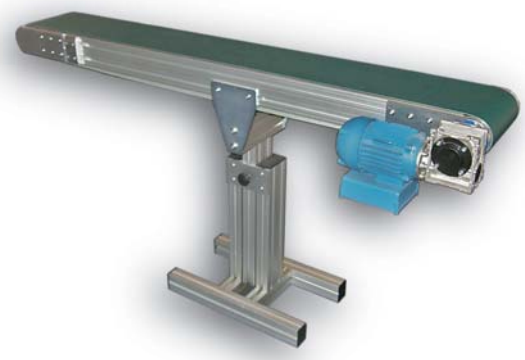
Item Description: Conveyor 1: Bottling Line Conveyor	Item Description: Conveyor 2: 'U' Shape Conveyor
---	---



Item Description: Conveyor 3: Elevation Conveyor	Item Description: Conveyor 4: Plastic Take Out Conveyor
---	--



Item Description: Conveyor 5: Cleated Incline Conveyor	Item Description: Conveyor 6: Retractable Conveyor
---	---





Practical Examples:

Item Description:

Conveyor 7a: Driven Roller Conveyor



Item Description:

Conveyor 7b: Driven Roller Conveyor



Item Description:

Conveyor 8a: No Back Pressure



Item Description:

Conveyor 8b: No Back Pressure



Item Description:

Conveyor 9: Transport Conveyor



Item Description:

Conveyor 10: Modular Conveyor





**Practical Examples:**

Item Description:

Conveyor 11: Miscellaneous



Item Description:

Conveyor 12: Miscellaneous



Item Description:

Conveyor 13: Bottle Transport Conveyor



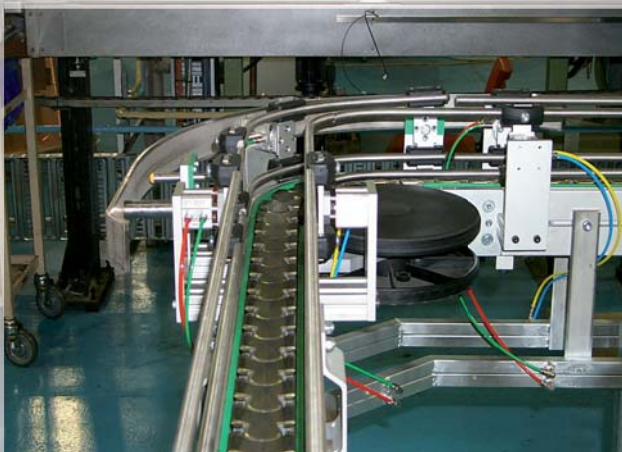
Item Description:

Conveyor 14a: Cross Conveyor



Item Description:

Conveyor 14b: Small Radius Corner



Item Description:

Conveyor 14c: Disc Conveyor





Machine Enclosures:

Item Description:

Machine Enclosures 1: Application



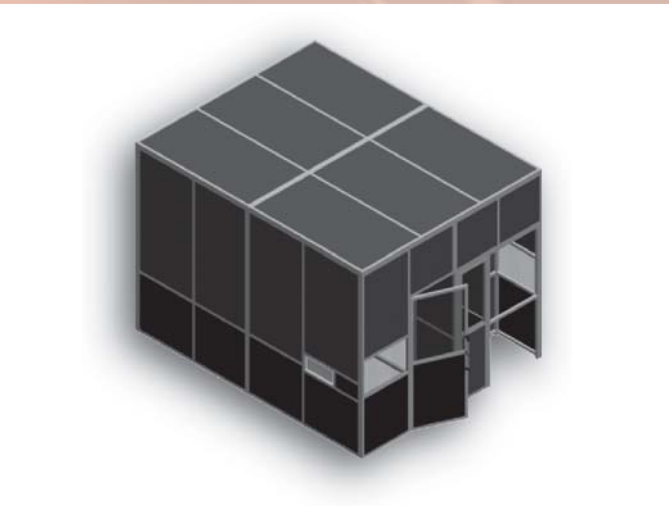
Item Description:

Machine Enclosures 3: Vision Guard 1



Item Description:

Enclosure 1: Vision Guard 2



Item Description:

Machine Enclosures 2: Application



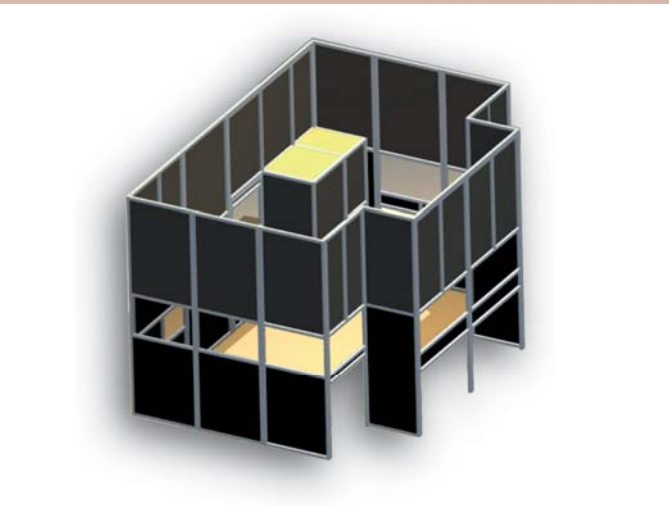
Item Description:

Machine Enclosures 4: Process Guard



Item Description:

Enclosure 2: Vision Guard 3





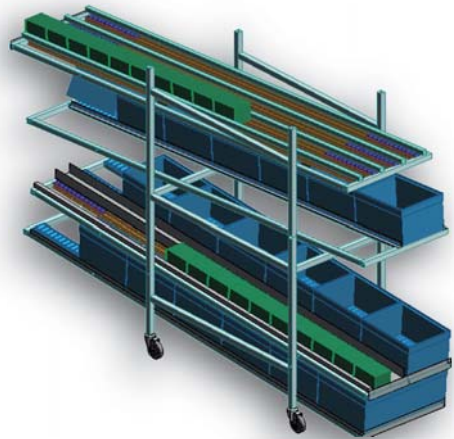


**Gravity Feed Buffer Conveying/Storage Rack:**

Item Description: Item Description:

Roller Rack 1: Storage/Assembly

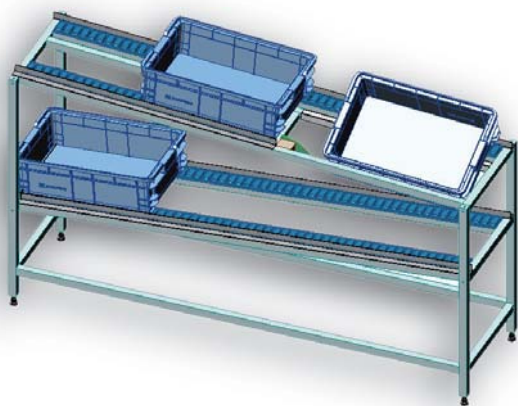
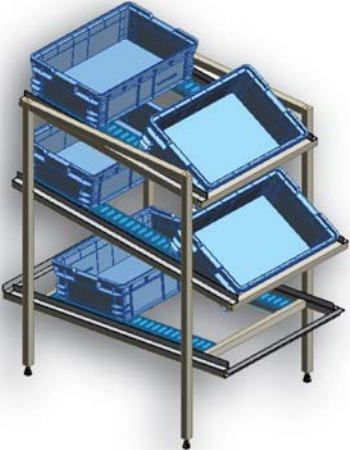
Roller Rack 2: Storage/Assembly



Item Description: Item Description:

Roller Rack 3: Storage/Assembly

Roller Rack 4: Storage/Assembly

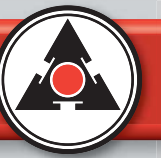


Item Description: Item Description:

Roller Rack 5: Storage/Assembly

Roller Rack 6: Storage/Assembly





Special Purpose Trolley's:

Item Description: Item Description:

Magazine Trolley Miscellaneous Trolley 1



Item Description: Item Description:

Miscellaneous Trolley 2 Storage Trolley 1



Item Description: Item Description:

Storage Trolley 2 Computer Station





**Work Stations:**

Item Description:

Miscellaneous Work Station 1



Item Description:

Work Station with Conveyor



Item Description:

Work Station with Hopper



Item Description:

Wash Basin



Item Description:

Miscellaneous Work Station 2



Item Description:

Miscellaneous Work Station 3

