



ASGARD INDUSTRIAL SYSTEMS LTD.



## Pipework Applications

The Jacob modular pipe system is ideal for most industrial applications because the Quick Connect™ pull-ring system has U-shaped seals that

are tight against condensed liquids and the pipework is certified shock explosion proof to 3 bars overpressure.

Air-conveying, extract-lines or gravity chutes — from potato crisps to petrochemicals, sugar to semiconductors — Jacob systems are a popular choice for robust and reliable bulk goods handling or environmental applications.

Tight connections with fast and easy assembly for cleaning or maintenance make Jacob modular pipework ideal for clean-room air systems and centralised vacuum cleaning.

### Gravity conveying of bulk goods



#### Dosing / Gravity Chute

- **Food** — flour, coffee, cocoa, peanuts, chocolate, bakery products, pasta, salt, sugar, spices
- **Agricultural** — grain, seeds, cereals, animal feeds, manure droppings, dry sewage muds
- **Chemicals and plastics** — granulated plastics, intermediate products, pharmaceutical, washing powder
- **Construction** — Sand, cement, gravel, lime, chalk



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## Air purification and extraction



Drying



Air Treatment



Dust Treatment



Fume Extraction

Removal of harmful substances such as dust, steam and solvents — including degreasing, solvent recovery and welding/ powder/ acid fumes.

## Air conveying



Blow Lines



Air conveying

Compressed air applications, vacuum and blow-lines — including paper control of printing machines, warm air heating processes and air cooling of aggregates/ cereals.

## Low pressure conveying

Suitable for tobacco, wood and metal chippings, granulated plastics, polystyrene and paper fragments.

## Performance applications

The Jacob range of modular pipework includes components engineered to meet the demands of high-performance applications:

**3mm hot-dip galvanized**

**10-bar shock explosion proof**

**Powder-coated pipework**

**Earthing continuity over connections via conductive elastomer gaskets or mechanical bridging.**