

# Conveying Systems

Identify. Create. Resolve.



Our involvement and experience starts with concept feasibility design, conveyor and structure detail design, through manufacturing and ongoing project management to installation and commissioning. Our package can also include marshalling cabinets and electrical switchgear.



IBS offer a total design and manufacturing package utilizing many years of combined experience, and are the best choice in solids handling for mining, resources and process industries.

**All conveyors are designed in accordance with AS1755 for safety requirements and comply with all other relevant Australian Standards.**

Design and supply of long centre, high capacity overland conveyors. We have the capability to design in both curved and straight flight. Our designs have been used in all bulk materials applications including Iron Ore, Coal, Bauxite and Wood chip.



## Stockpiling Systems

Stockpiling Systems including Skyline Stacking Systems, Fixed Slewing Stackers and Long Travelling Rail Mounted Stackers.

For a large range of stockpile capacities and shapes, ranging from small kidney shaped surge piles served by tyre mounted slewing stackers through to longitudinal stockpiles of large cross sectional areas.

We also handle all associated plant including feed conveyors, train loading conveyors, and surge bins.



## Past Clients

Austrian Energy & Environment Australia P/L

Process 26

Worsley Alumina Co-generation Project. Design and detail manufacture & commission coal and biomass bunker feed conveyors.

John Holland Constructions

Koolan Island seawall construction. Design 30m boom mounted conveyor for mobile stacker unit

Sandvik Mining & Construction Aust Pty Ltd

Sewage tunnel liner pipe transporter. Concept development detail design and draughting of steerable carriage to transport & position 6m lengths of pipe.

Sugar Australia Pty Ltd

Design & detail modules for horizontally curved overland conveyor.

Process 26

Yarraville Refinery. Raw sugar system upgrade. Costing study for raw sugar handling area.

Kellog Brown & Root

FMG Cloudbreak. Scalping screen conveyors and 30m radial stacker detail design

Sugar Australia Pty Ltd

Kestrel Mine expansion study. Review of surface coal handling facility options

McConnell Dowell Constructors (Aust) P/L

Yarraville Refinery. Relocatable ship unloading hopper and discharge feeder. Capacity up to 2,000 tph of gypsum or raw sugar.

O-I Asia Pacific

Bogong Hydro. Head race tunnel development spoil disposal system. Design & detail transfer conveyor from TBM spoil conveyor across public Rd to stockpile

Green Triangle Engineering Pty Ltd

O-I NZ, Auckland plant. Conceptual design & specification of cullet and conveyors, palletizers, shuttle car pallet handling, shrink packaging and pallet conveying systems. Hot & cold end cullet collection & handling.

CSR Limited

AKD Softwoods, Colac. Design & detail 160 cubic metre truck loading bin with dual dump doors and spreader screw.

AKD Softwoods

Yarraville Works. Concept design & costing of bulk gypsum handling system incl. stockpile layout, import conveyors, long travelling slewing stacker, reclaim hoppers and plant feed conveyors.

Hyspec Power Limited

Colac Mill. Structural & mechanical design of 160 cubic metre capacity truck loading chip bin. Incl. screw spreader & dump doors

Kimberly Clarke Pty Ltd

Melbourne Zoo, bull elephant barn. Design of swing and sliding gate hydraulic actuators

Alstom Power Limited

Millicent Plant. Wood chip handling conveyors comprising screen feed, barks disposal, fines and product conveyors from new de-barking/chipping facility to stockpile. Included truck loading chutes and 500m horizontally curved and elevated transfer conveyor.

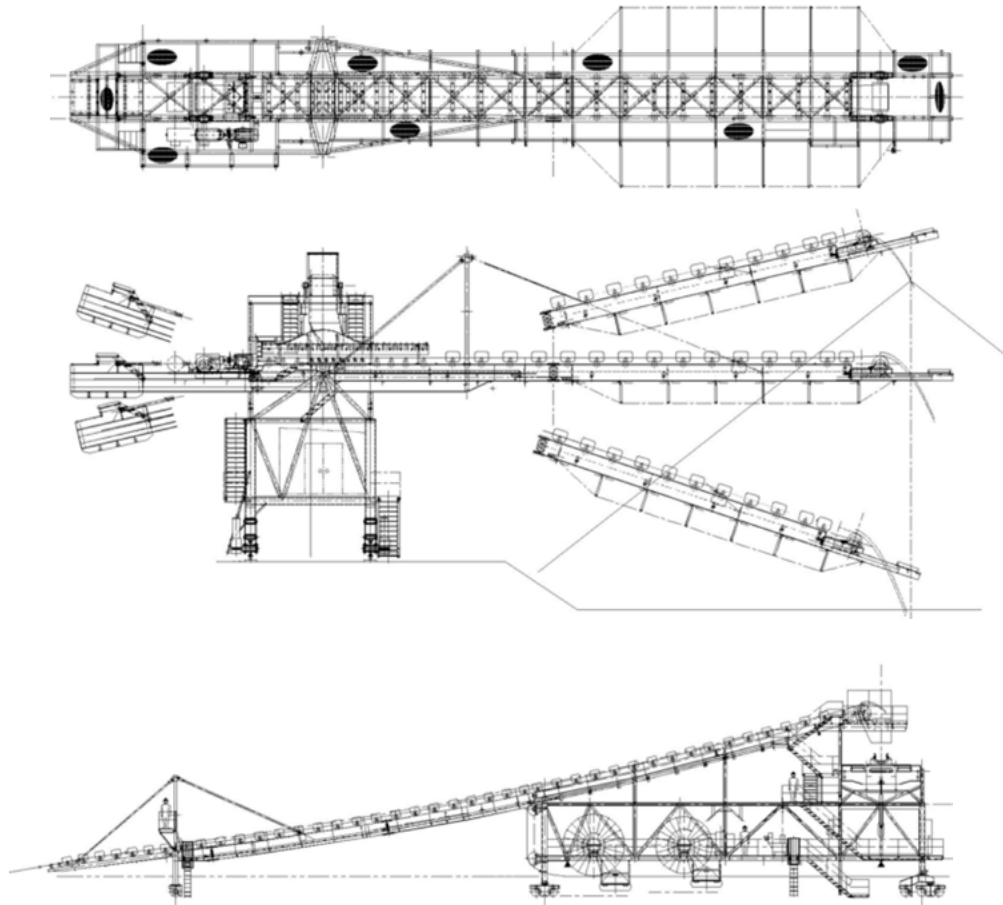
Prony Energies, New Caledonia. Coal fired power installation. Design of coal feed conveyors comprising feed hopper & belt feeder, 700m yard conveyor, 130m elevated transfer conveyor and bunker feed conveyor fitted with discharge ploughs & tripper. Work included structural design of conveyors supporting structures comprising 13m and 40m high transfer towers and construction of new end walling.



## After sales support

IBS can provide a customised service contract using experienced technicians with many years experience in servicing and troubleshooting in most states. This service ensures your equipment is functional to its optimum capabilities and reduces down time due to parts replacement and potential damage.

Our experienced technicians follow standard customer maintenance, checking and reporting procedures.



## Design & manufacture for complete systems

IBS provides an integrated approach for a wide range of materials handling requirements. We design, manufacture and install complete systems including en masse chain conveyor systems, which are rugged in construction & that meet all regulatory Australian Standards for OH&S, dust control & hazardous areas.



**Ask us how we can improve your processes today.**

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