

# Australian Belt Cleaning Pty Ltd



PDC (Primary diagonal cleaner)



SDC (Secondary diagonal cleaner)

ABC BELT CLEANING SYSTEM, our patented new development, is opening up a new dimension of belt cleaning!

With Primary cleaner, PDC (Primary Diagonal Cleaner) and the Secondary cleaner SDC (Secondary Diagonal Cleaner) a cleaning system has been developed, that enables special belt protection through:

- Extremely low surface pressure
- Low wear and tear on cleaners and belts
- Significantly improved cleaning performance with almost maintenance-free operation



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# Australian Belt Cleaning P/L

## PDC Primary Diagonal Cleaner

Primary diagonal cleaner is being installed at the head drum below the discharge zone. This cleaner will be clamped diagonally above the head drum and it forms a "space curve". The individually incorporated scraping metals are being pressed against the belt with low pressure, in order to remove 85 % to 95 % on average of the adhesive material.

## SDC Secondary Diagonal Cleaner

The single elements of the secondary cleaner (Fine material cleaner) also work diagonally to the running direction of the belt. It will be mounted on the part where the belt leaves the head drum. If this is not feasible, it can also be mounted with pressure rolls at the return run of the belt. This cleaner removes the remaining material deposits.

### Advantages

- a) Perfect belt cleaning
- b) Easy assembly
- c) With PDC the scraping amount goes straight into the conveying system
- d) Application for slow and fast running belts
- e) Ideal for belts with mechanical connectors
- f) Belt protection due to low application of force
- g) Minimal wear and tear of the cleaners
- h) Scraping proportion to belt width 1.2:1 with PDC, 3:1 with SDC
- i) Highest tool life through material choice of the cleaner
- j) Maintenance-free
- k) Can be used in areas subject to explosion hazards

The PDC is suitable as a special construction for reserve operations.

The SDC is not suitable for reserve operations.



In the newly protected IBS-connector-head the advantages of modern transfer and cleaning technology are combined in order to ensure an ideal control of both conveying stream and belt cleaning.

### Furthermore we are specialized in:

- Transfer belt stations for material conveying from one belt to another, or into a bunker
- Highly wear and tear protection plates, wear protection linings
- High-strength steel in all desired thicknesses and various alloys
- Conveyor systems
- Bunkerfeed and discharge
- Feeding tables with dust enclosures
- Steel support structures

### Our markets:

- Mining (coal, salt, etc.)
- Power plants
- Metallurgical industry
- Cement industry
- Stones, Soils, Concrete
- Chemical industry
- Recycling
- Waste incineration plants

Further information about the patented new development can be obtained at:

[www.contrans.co.nz](http://www.contrans.co.nz)