

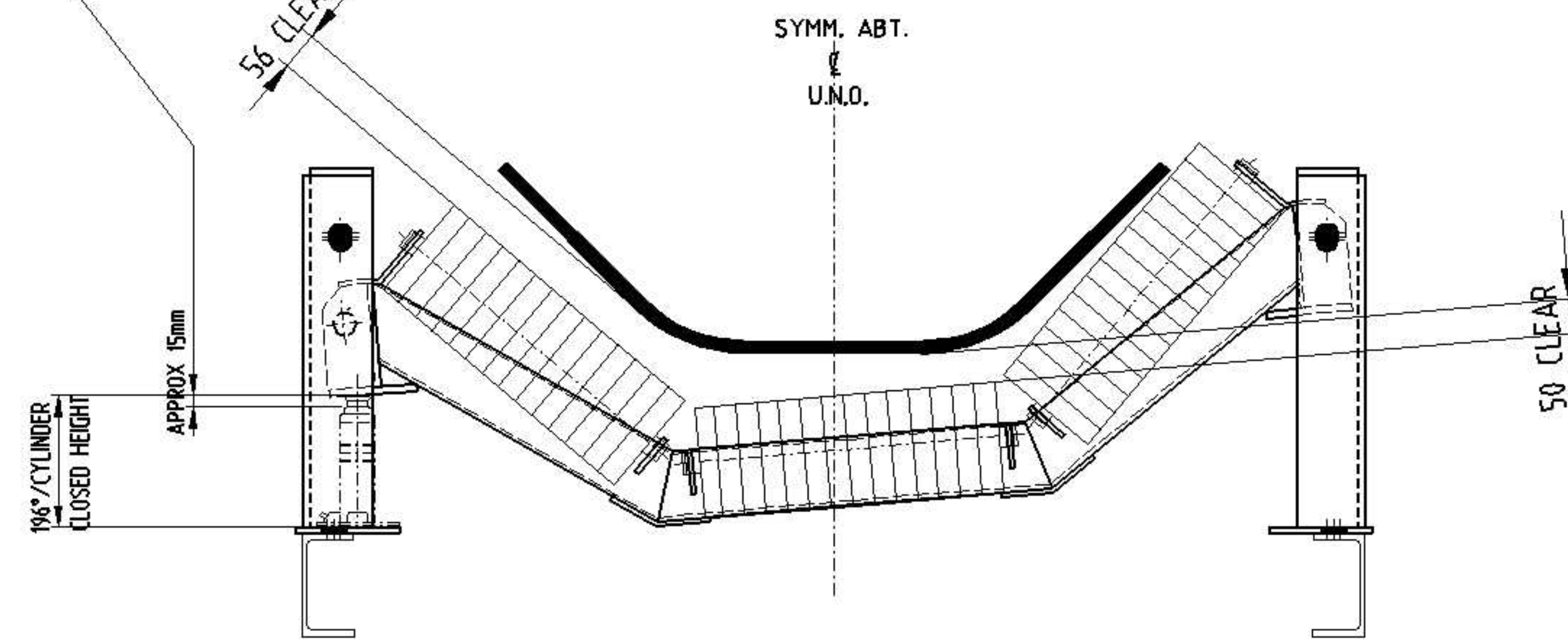
STANDARD DROP DOWN IMPACT IDLER - TYPE HB601-45-12-A1
1200 WIDE, 45°, DUAL 6-ROLL 159 DIA.
IN OPERATIONAL POSITION

MAINTENANCE NOTE:

TO LOWER:
RAISE JACK TO WITHIN 2mm OF IT BEING FULLY EXTENDED AND THEN MANUALLY TURN THE EXTENSION PIECE UP TO THE UNDERSIDE OF THE IDLER FRAME.
RAISE JACK TO ITS ULTIMATE VERTICAL POSITION WHICH WILL THEN ALLOW FOR THE PIN TO BE REMOVED.
OPERATE THE JACK ALLOWING THE DEAD WEIGHT OF THE IDLER TO LOWER INTO ITS MAINTENANCE POSITION.

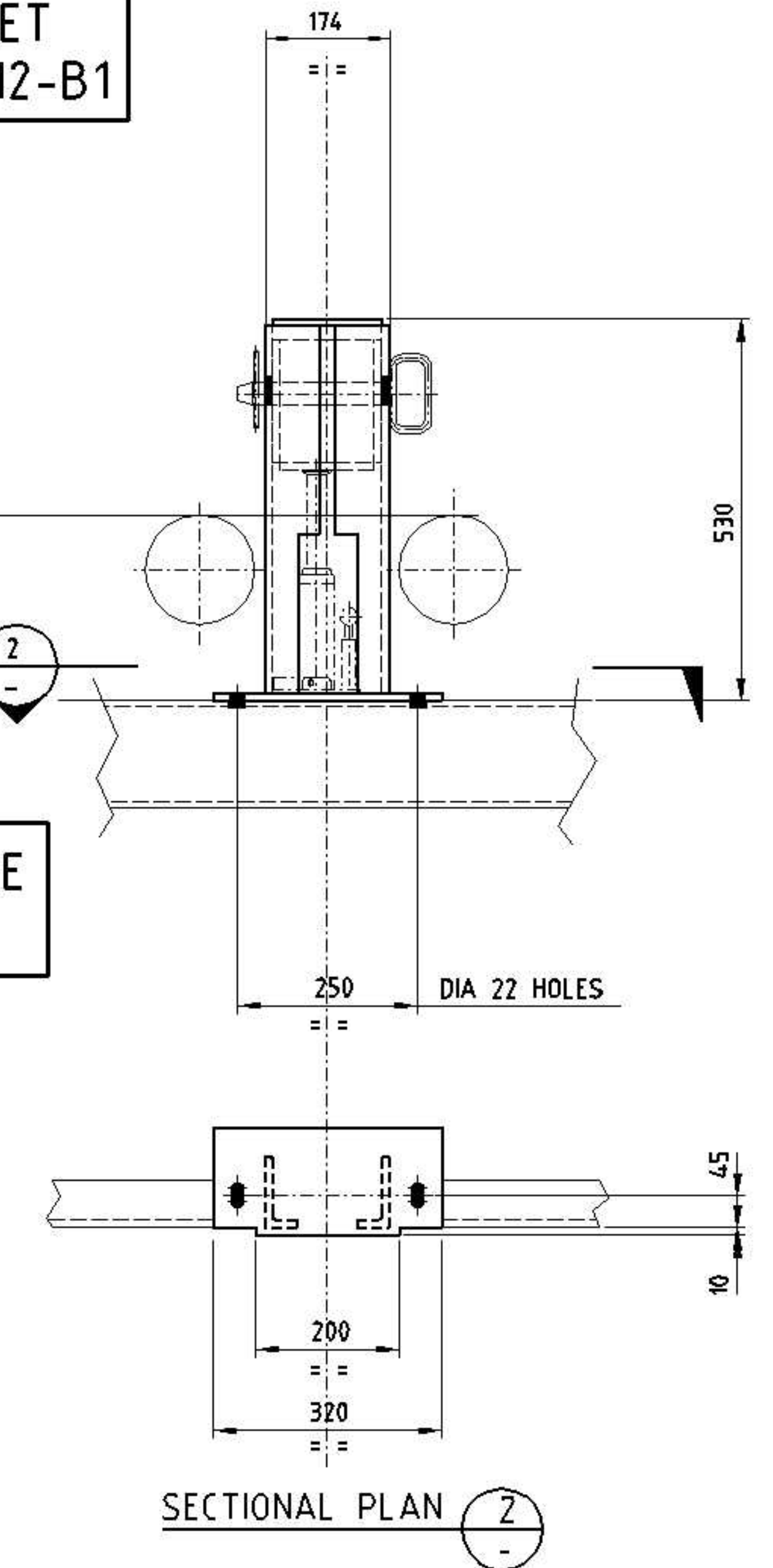
STROKE = 116mm
EXTENSION SCREW x 48mm LONG
MIN CLOSED HEIGHT = 180mm
MAX OPEN HEIGHT = 344mm

ERECTOR NOTE :-
ENSURE E.M.I. END BRACKETS ARE ALIGNED TO GIVE FREE VERTICAL MOVEMENT OF IDLER SUPPORT FRAME



STANDARD DROP DOWN IMPACT IDLER - TYPE HB601-45-12-A1
IN MAINTENANCE POSITION

E.M.I. IMPACT IDLER FRAME
TYPE HB601-45-12-F1



CONTINENTAL IMPACT IDLER ROLL
PART N°:- F159F0454MFDRBS030

DRG NUMBER	REFERENCE DRAWING TITLE	Nº	DATE	REVISIONS	DRN	CHD	APP	Nº	DATE	REVISIONS	DRN	CHD	APP	A1 SHEET	INIT.	SIGN.	DATE	CLIENT	PROJECT	CLIENT DRG No.	REV
								C	10.05	BASE PLATE REVISED AND BOTTLE JACK TYPE REVISED	DH	AH					JAN 05	CONTINENTAL CONVEYOR AND EQUIPMENT	R.N.O. PROJECT		
								B	2.5.05	RE-DRAWN TO SUIT CLIENTS COMMENTS AND RE-SUBMITTED FOR APPROVAL	DH	AH									
								A	21.1.05	ISSUED FOR APPROVAL	DH	AH									
																					C



SCALE 1:5
DRAWN DH
CHECKED EH
DESIGNED H&B
DESIGN CHECK
PROJECT APP.
AP FOR CONST
INIT. SIGN. DATE

CLIENT CONTINENTAL CONVEYOR AND EQUIPMENT
PROJECT R.N.O. PROJECT
DRAWING TITLE 1200 WIDE 45° TROUGH BELT G.A OF DROP DOWN IMPACT IDLER
CLIENT DRG No.
H & B DRG No. HB601-45-12-A1



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H & B Mining: “The Experts in Conveyor Skirts”

H & B Mining design and supply a range of “Easy Maintenance” conveyor transfer products to the Australian mining industry with the aim of providing a safer, easier to maintain and more efficient working environment at conveyor transfer points.

H & B Mining was established in April 1993 with the promise of providing a standalone conveyor design service tailored to accommodate the mines of Australia. After witnessing maintenance crews struggling to maintain and change out poorly designed products for conveyor transfers H & B decided to expand its portfolio by developing its own range of ‘Easy Maintenance Products’ for conveyor transfer points including: conveyor idlers, conveyor skirting systems, hinged dust covers, conveyor guards, conveyor diversion plough, streamline conveyor transfer design and the retractable loading boot.

The “Easy Maintenance” conveyor product range harnesses H & B’s vast experience in the field along with the innovative design technology nurtured over the years within the H & B design team. The Australian mining industry has benefited from H & B’s toil, witnessing enhanced overall productivity, reduced shutdown time and improved safety whilst gaining cost effective mining conveyor operations. H & B Mining products have been installed as mine standard by Rio Tinto, BHP Billiton, Roy Hill and FMG, amongst others.

Drop Down Idler

The H & B easy maintenance drop down idler provides a quick, easy, safe and economical way to change out worn or damaged idler rollers on a mining conveyor.

One person can change out rollers by removing a locking pin to release the roller support frame from its operational position. A bottle jack or hydraulic cylinder is then used to lower the roller support frame away from the conveyor belt to create an opening between belt and rollers sufficient enough to allow access for removal or insertion of rollers without the need to lift the belt. Incorporating such an easy maintenance system ensures that worn rollers are changed out on a regular basis which in turn guarantees a consistent belt line beneath the skirted area.

A consistent belt line with a well maintained skirting system reduces spillage down to an absolute minimum, eliminates material build up around transfer areas and generally enhances the overall productivity of the conveyor materials handling system.