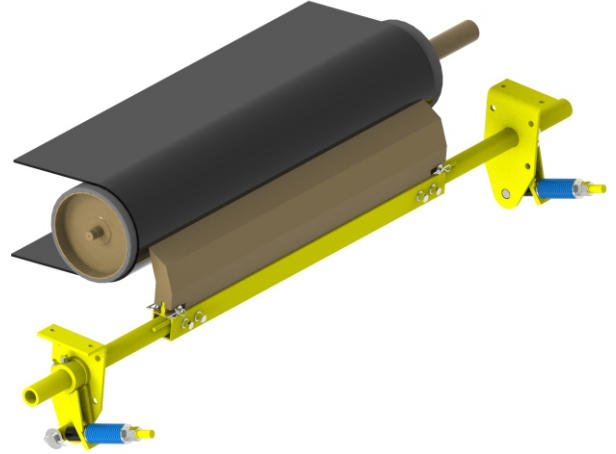


## BHARAT PRIMARY BELT SCRAPER HD

**BMD BHARAT PRIMARY BELT SCRAPER HD** removing carry back effectively & efficiently, it is a highly effective solution to enhance material flow performance.

**BMD ENGINEERING SOLUTIONS** newly enhanced primary belt scraper **HD** which is having single polyurethane blade & telescopic mainframe. it allows quick and easy service with "one-pin" replacement of a "one-piece" blade.



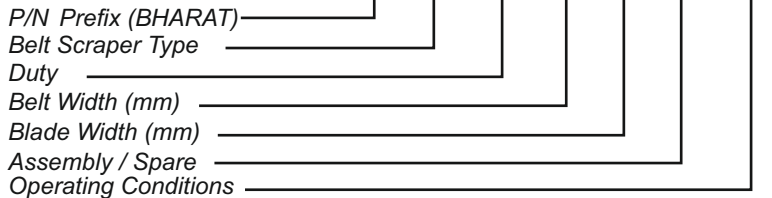
### SPECIFICATIONS

Maximum Belt Speed fpm (m/sec)	Maximum Service Temperature	Pulley Diameter** (mm)	Mounting Location (mm)	Wear Life* (mm)	Wear Volume (per inch of blade) (cm <sup>3</sup> )
900 (4.6)	160°F (70°C) Continuous 180°F (82°C) Intermittent	406–559	89	114	107

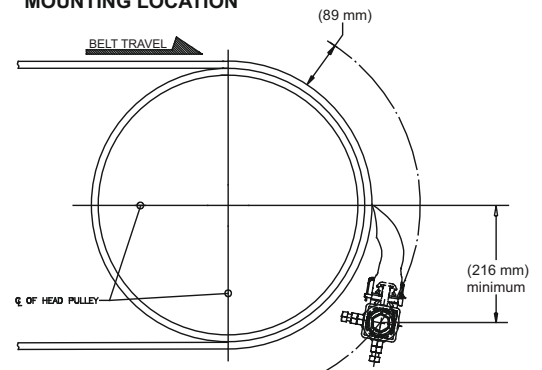
\*\* Pulley diameter 584 mm and greater:  
contact your BMD Engineering Solutions representative.

### NOMENCLATURE

**BH-XXX-XXX-BW-BC-XXX-XXX**



### MOUNTING LOCATION



### BELT SCRAPER TYPE

**PBS:** PRIMARY BELT SCRAPER

### DUTY

**HD:** HEAVY DUTY

### MAINFRAME & BLADE

**ASM:** ASSEMBLY

**SPR:** BLADE & LOCK PINS

### OPERATING CONDITION

**AMB:** AMBIENT

**HRT:** HEAT RESISTANT

BELT WIDTH (mm)	BLADE COVERAGE (mm)
600	500
800	750
1000	850
1200	1050
1400	1250
1600	1450
1800	1650
2000	1850
2200	2050
2400	2250

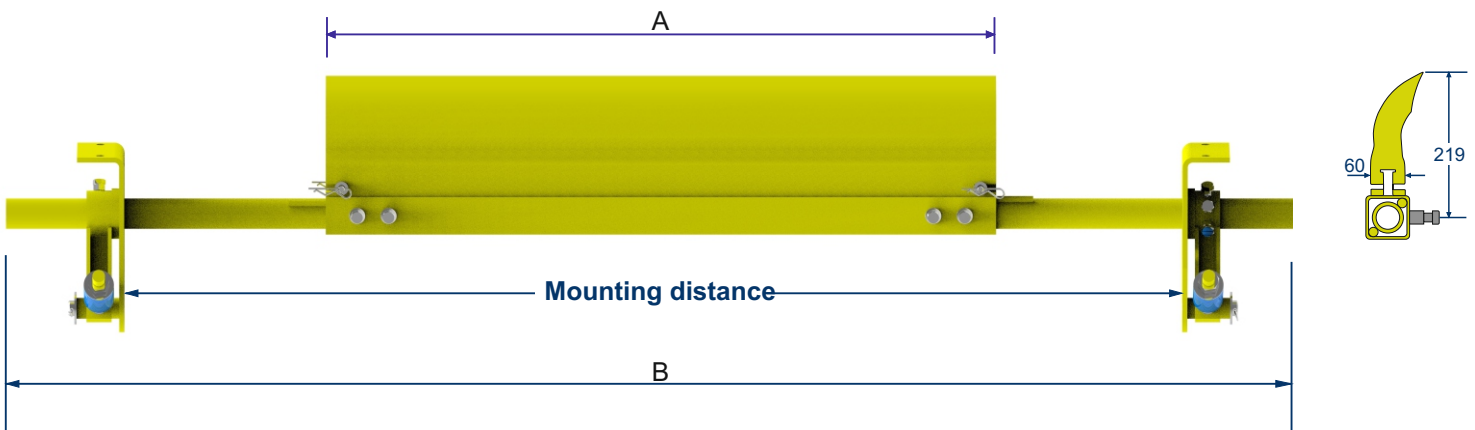
## DIMENSIONS --(mm)

\* Tensioner not included



Belt Width mm	Mainframe Length (B) mm (Min-Max)	Blade Coverage (A) (mm)	Shipping Weight* (kg)	PU Blade Colour	
				For Ambient Temp.	For 80-150°C.
500-650	500-800	450	25	Sulfer Yellow	Green
650-800	650-1000	500	29	Sulfer Yellow	Green
800-1000	800-1500	750	35	Sulfer Yellow	Green
1000-1200	1000-1900	950	39	Sulfer Yellow	Green
1200-1400	1200-2300	1050	42	Sulfer Yellow	Green
1400-1600	1400-2500	1250	45	Sulfer Yellow	Green
1600-1800	1600-2700	1350	49	Sulfer Yellow	Green
1800-2000	1800-2900	1650	54	Sulfer Yellow	Green
2000-2200	2000-3100	1850	59	Sulfer Yellow	Green
2200-2400	2200-3600	2050	64	Sulfer Yellow	Green

Note: Dual side tensioner's are required for all belt widths.

Mainframes are all telescopic type for easy Installation



## BMD HIGH-PERFORMANCE URETHANES

Urethane Color	Application Description	Typical Material	Temperature Range
	Sulfer Yellow Standard BMD Urethane is suitable for most belt cleaner applications, including <b>abrasive conditions</b> and exposure to solvents or oil. chemicals and reduced absorption of water in <b>high-moisture</b> environments.	Bauxite, coke, coal, refuse, steel/ore, limestone etc.	-30°C to 70°C
	Green <b>High-Temperature</b> Urethane withstands exposure to intermittent temperatures of up to (150°C).	Clinker	-40°C to 150°C

## BMD ENGINEERING SOLUTIONS

Works At:- Plot No. C 39/2, Mhalunge, Chakan MIDC, Phase-1, Pune (MH) - 410501, Mob.- 77353 89730 / 83800 90023.

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