

# PRIMARY BELT CLEANER

The function of belt cleaner is to remove the remaining material on the belt surface. An excellent belt cleaner not only minimizes the waste of material, but also keeps the environment clean. **Primary belt cleaners are specialized to scrape 75-85% surface material; therefore, how to choose suitable primary belt cleaner is important.** Jim Way develops a series of primary belt cleaners based on belt width, pulley diameter, belt speed, conveying material and environment temperature.

BELT WIDTH	PULLEY DIAMETER					Unit: mm
	300~400	450~600	600~800	800~1000	1000~1200	
300~400	1 or 2	1 or 2	-	-	-	
400~500	1 or 2	1 or 2	-	-	-	
500~650	1 or 2	1 or 2	1 or 2	-	-	
650~800	1 or 2	1 or 2	1 or 2	-	-	
800~1000	1 or 2	1 or 2	1 or 2	-	-	
1000~1200	1 or 2	1 or 2	1 or 2	3 or 4	-	
1200~1400	1 or 2	1 or 2	1 or 2	3 or 4	3 or 4	
1400~1600	-	1 or 2	1 or 2	3 or 4	3 or 4	
1600~1800	-	1 or 2	1 or 2	3 or 4	3 or 4	
1800~2000	-	-	1 or 2	3 or 4	3 or 4	

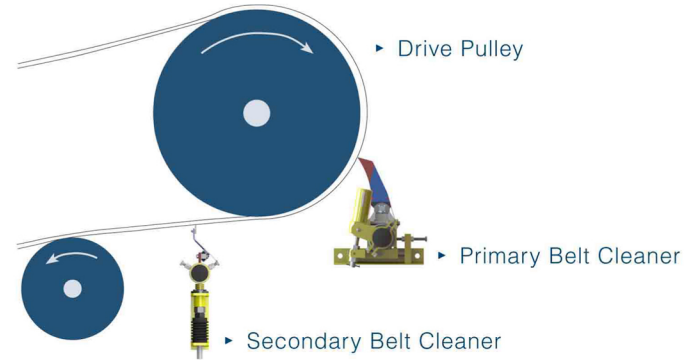
## THE TYPE AND SIZE OF BLADES

TYPE	1. C1UDS	2. PRUS	3. C1UDB	4. CRT1BA
SIZE				
BELT SPEED	≤ 3.5 m/s	≤ 4 m/s	≤ 6 m/s	≤ 7 m/s

## RTAM Rubber Torsion Arm Mounting



Type 2 and 4's blades with RTAM



# POLYURETHANE BLADES

	CONVEYING MATERIAL	ENVIRONMENT TEMPERATURE
Standard	Coal, Coke, Iron ore, Sandstone, etc.	≤ 70 °C
With RTAM	Coal, Coke, Salt, Fertilizer, Sulfur, Limestone, Sandstone, etc.	≤ 70 °C
Corrosion-Resistant	Concrete, Asphalt, Slag, Fertilizer, Salt, Sulfur and Corrosive Materials.	≤ 120 °C
Special for Conveying Food Material	Food Raw Material	≤ 70 °C