

FOR 18" TO 60" WIDE BELT CONVEYING SYSTEMS
A.S.T.M. CONDITION "B"

FEATURING:

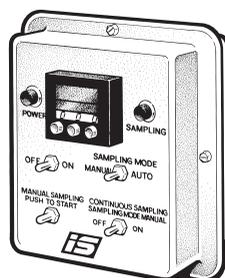
- MEETS A.S.T.M. D-2234 SPECIFICATIONS
- DESIGNED FOR EASE OF INSTALLATION (RETROFITTING OR IN NEW INSTALLATIONS)
- SIMPLE DESIGN – LESS AUXILIARY EQUIPMENT REQUIRED
- HEAVY-DUTY CONSTRUCTION
- DIRECT MOTOR DRIVE, NO BELTS OR CHAIN
- DESIGNED TO SAMPLE UP TO 4" MATERIAL ... COAL, LIMESTONE, ORES, WOODCHIPS
- WIPES CLEAN - BRUSHES OR WIPERS TOUCH BELT TO GET A COMPLETE SAMPLE, INCLUDING FINES
- METAL SCOOP DOES NOT TOUCH OR DAMAGE BELT
- LOW MAINTENANCE
- LOW COST DESIGN
- HORIZONTAL OR INCLINED APPLICATIONS

RS

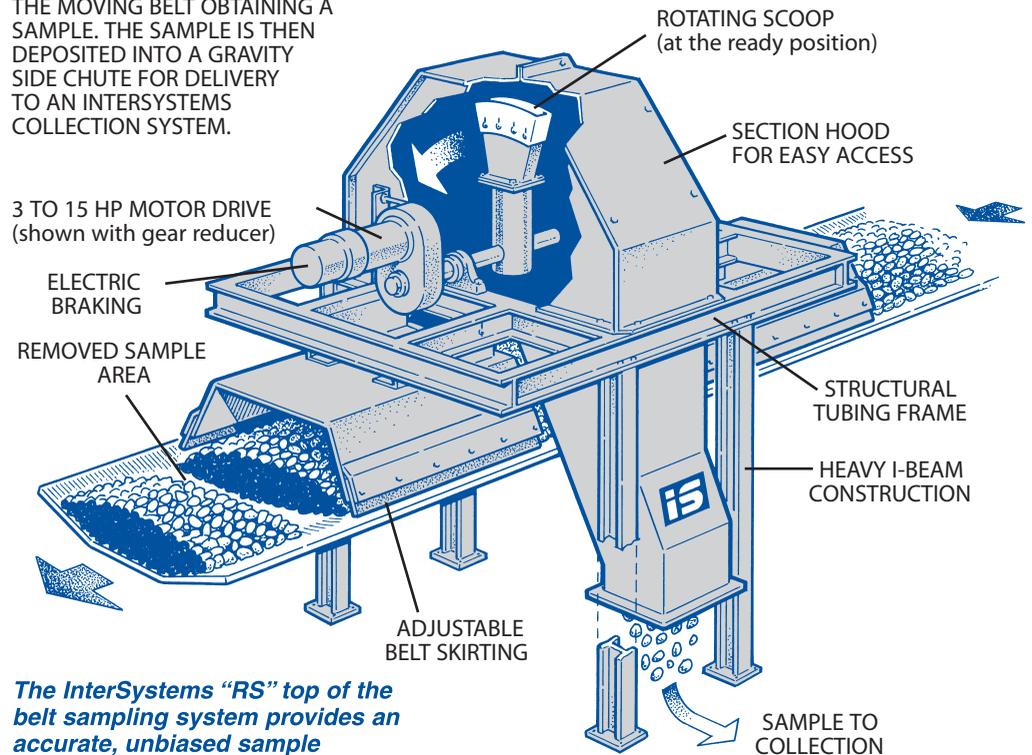
ROTATING SCOOP HAS A BUILT-IN ADJUSTABLE AND FLEXIBLE WIPER

CONTROLS

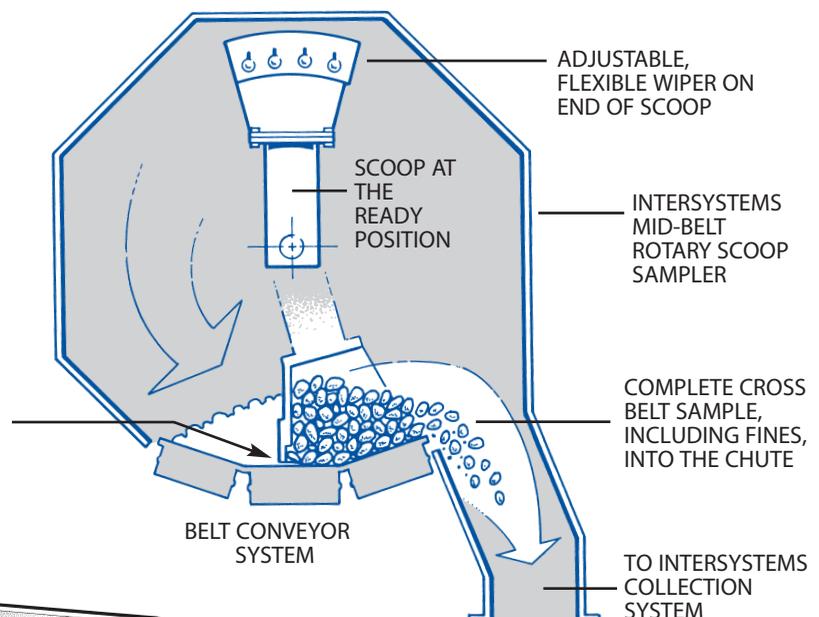
InterSystems control packages are available to suit any sampling control application. The standard units allow manual and automatic sampling modes and contain all the essential components to adjust and control the timing of sampling operations. These units can handle a wide variety of voltages and frequencies and can be constructed for most environments.



ROTATING SCOOP MAKES ONE PASS AT PREDETERMINED INTERVALS, ACROSS THE MOVING BELT OBTAINING A SAMPLE. THE SAMPLE IS THEN DEPOSITED INTO A GRAVITY SIDE CHUTE FOR DELIVERY TO AN INTERSYSTEMS COLLECTION SYSTEM.



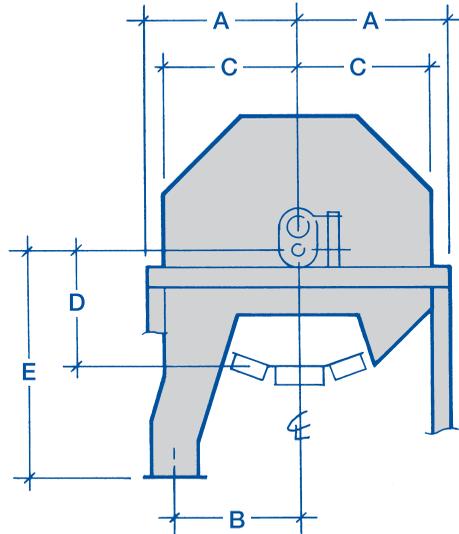
The InterSystems "RS" top of the belt sampling system provides an accurate, unbiased sample from moving belts.



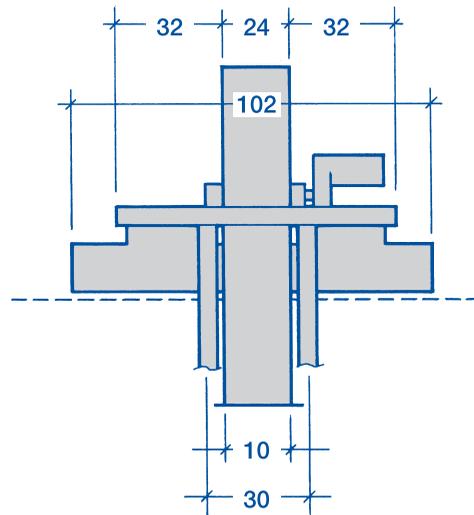
POWER REQUIREMENTS

Electric: 110V single phase control.
1 phase or 3 phase motors available.

InterSystems Rotary Scoop Sampler Details



ROTARY SCOOP — END VIEW



ROTARY SCOOP — SIDE VIEW

ROTARY SCOOP SAMPLER SPECIFICATIONS

SIZE	A	B	C	D	E	WEIGHT	MOTOR HP
24	30	25.3	26	3.1	27.0	1725	3
30	33	29.3	29	17.3	30.6	1900	3
36	36	33.3	32	20.4	34.2	2100	5
42	39	37.3	35	23.6	37.8	2300	5
48	42	42.6	38	26.8	47.1	2550	7.5
54	45	46.5	41	29.9	50.8	3000	10
60	48	50.6	44	33.1	54.9	3500	15

DIMENSIONS GIVEN IN INCHES
WEIGHT GIVEN IN POUNDS
SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE



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