Braking, Engineering & Crane Specialist

Ican Report

Ican Sliding Crane Stopper (ISCS)

No.15 Eng.
Date September2016

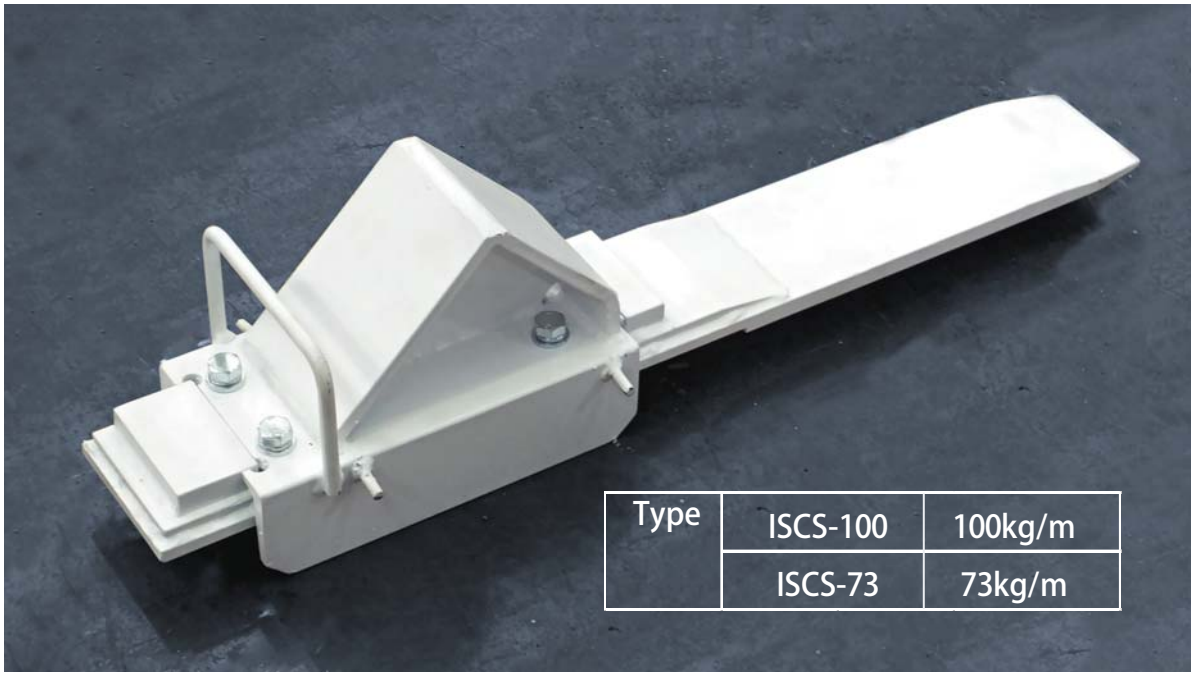
for Crane Runaway Accident Prevention

World climate changes have made unstable weather conditions for port operators.
Operators depend on emergency brakes for safety. Container crane runaway resulting in collision and collapse happen frequently.
In order to prevent runaway cranes due to wind, Ican introduces the " Ican Sliding Crane Stopper" (Patent Pending) is a simple and effective solution for crane runaway accident prevention.

(by Tokyo Marine & Nichido Fire Insurance Co.,Ltd.)

A few of the features are; a simple design with wonderful function, so simple to install and remove and compact and lightweight (about 18kg). Does not damage the rail top surface.

Once you have a gantry crane in working position, simply place the ISCS on the rail downwind of the leading wheel.
Also, during maintenance of cranes, it can serve as anti-runaway measures once it has been placed on the running rail.
In addition to general stopping feature, the ISCS is equipped with a high performance brake pad.
After the crane wheel is riding on top of the ISCS, the pad creates a strong horizontal braking force and slides to a stop.



Type	ISCS-100	100kg/m
	ISCS-73	73kg/m

Reference records:

- Hakata Port Terminal Co.,Ltd
- Mitsui Engineering and Shipbuilding Co., Ltd.
- Katoh Kogyo Co., Ltd.

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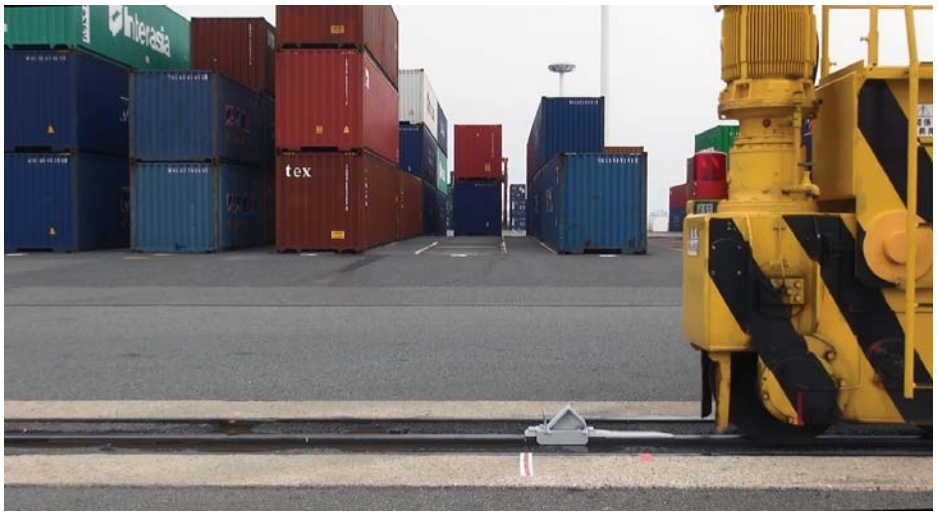
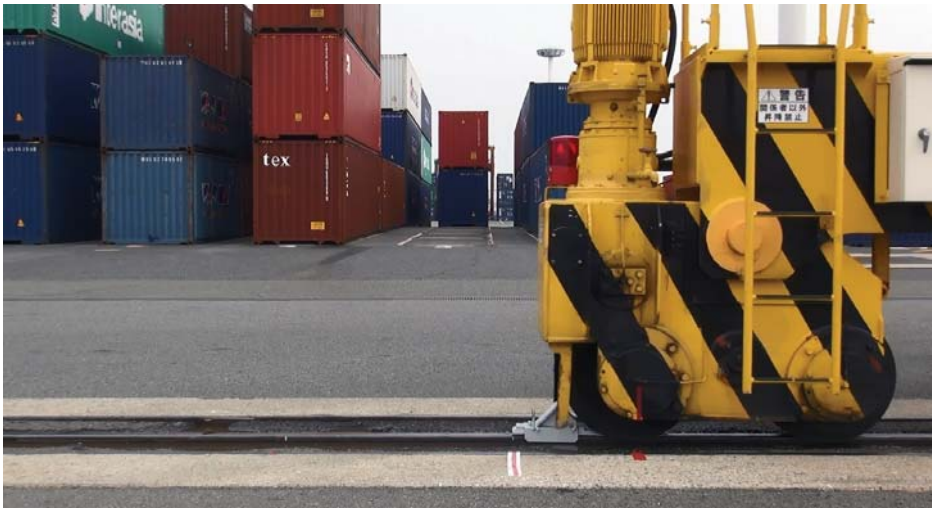
The ISCS in operation:

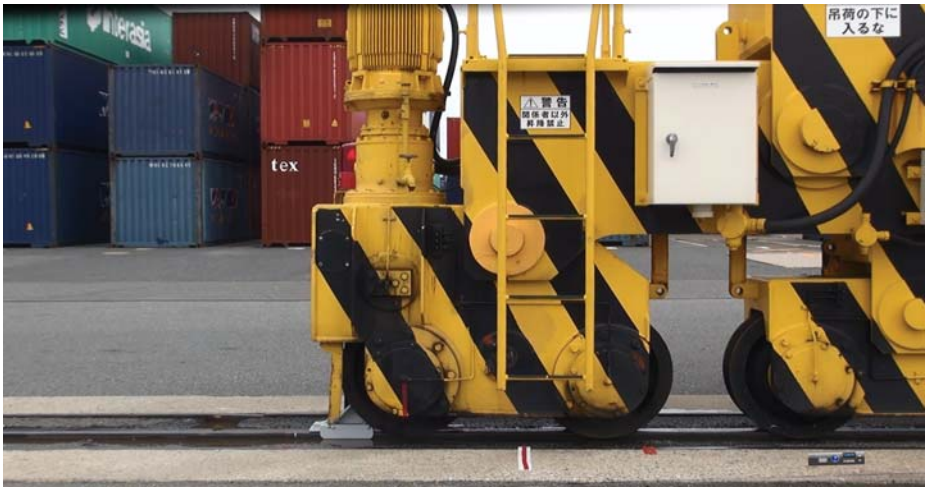
- The crane is traveling toward the ISCS.



- The cranes leading wheel rolls upon the ISCS.



- The momentum and the weight of the crane on the ISCS causes it to slide briefly to a regulated stop.



Ican Company Ltd.