



loaded with muscle
for your
toughest jobs!

lifts

10,200 lbs.!

swings a

full 275°!

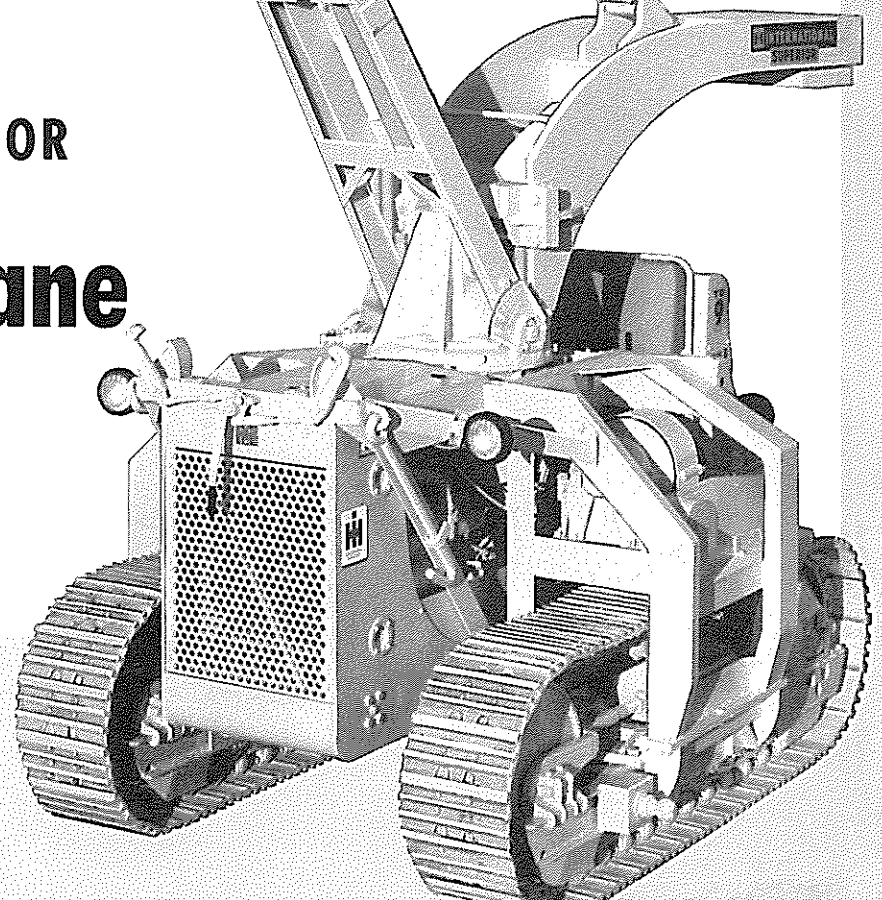
INTERNATIONAL-SUPERIOR
CTD-9-B

Revolving Crane

teamed with the 71 HP
TD-9-B

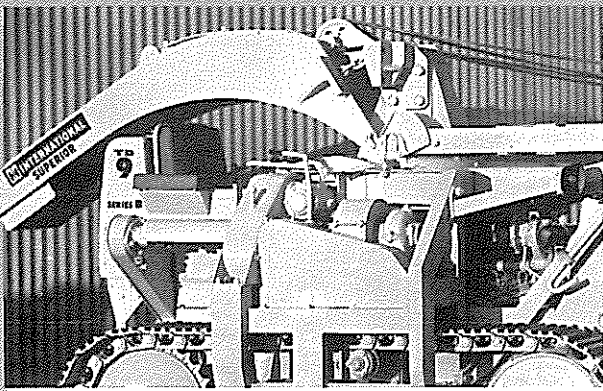
Tractor

A profit-making pair, engineered
for materials handling • steel
erection • pipelining • logging
• light dozing • trash disposal •
municipal work and maintenance



Capacity inc

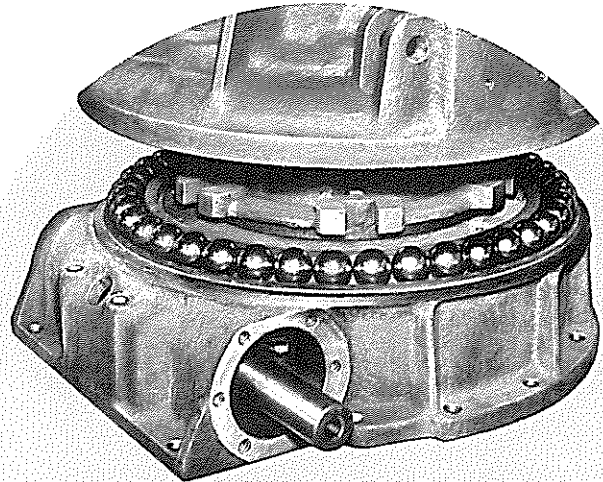
RUGGED, EFFICIENT, DESIGN



Exclusive counterweight adjustment for "low-clearance" mobility

To help you "thread-the-needle" when you have to, here's a new International-Superior feature that adjusts in a few minutes, gives an additional 22½ inches clearance. Counterweight is lowered by boom hoist line and held in position, while operator retains tractor maneuverability. When required for boom operation, counterweights are raised into working position by reversing boom hoist line, then locked into position.

Counterweights are easily removed . . . for shipping and working in confined areas. Absence of the counterweight on the crane reduces its lifting capacity by approximately 15%.



Cast Steel Rotating Mast Assembly

This big, rugged, cast steel mast has been strengthened to handle the crane's 150% increase in lifting capacity. It operates on a live steel ball bearing circle, working on an integral cast steel hardened roller path. Entire unit is sealed against weather. The full reversing worm drive provides smooth sluing action and self-locking features.

INTERNATIONAL SUPERIOR

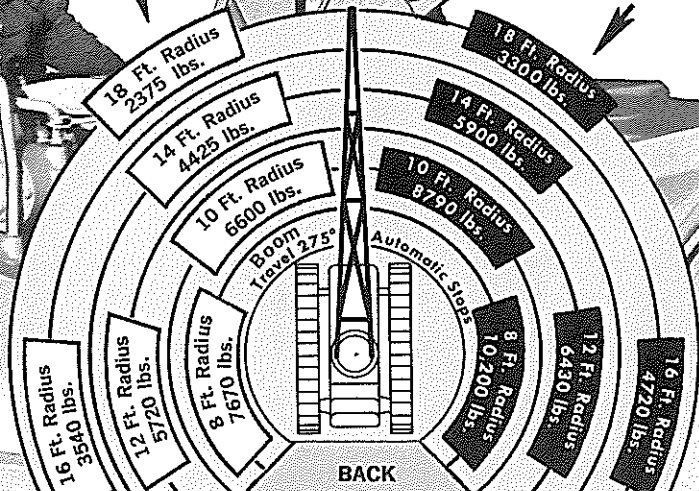
Greatly improved visibility . . .

Maximum visibility is engineered into this rugged International-Superior unit, increasing its versatility in those tight working conditions so often encountered. Operator is seated comfortably in the high-mounted compartment, and enjoys excellent vision to all sides. (See back page for a view of the controls and operator's compartment.)



SWING LOAD with CTWTS

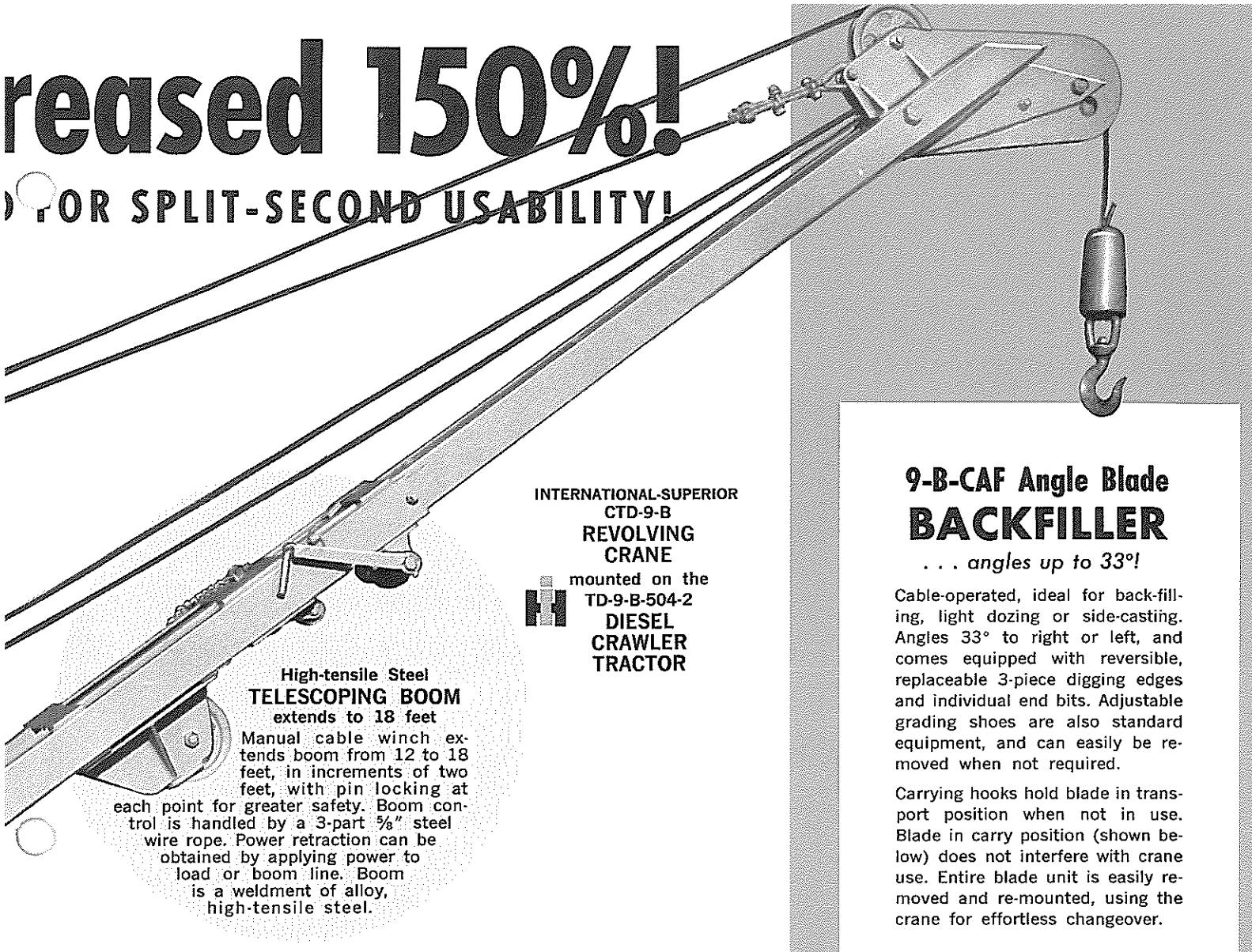
FRONT LIFT with CTWTS




Load Chart for CTD-9-B Revolving Crane WITH COUNTERWEIGHTS

Increased 150%!

FOR SPLIT-SECOND USABILITY!



**INTERNATIONAL-SUPERIOR
CTD-9-B
REVOLVING
CRANE**

 mounted on the
**TD-9-B-504-2
DIESEL
CRAWLER
TRACTOR**

**High-tensile Steel
TELESCOPING BOOM
extends to 18 feet**

Manual cable winch extends boom from 12 to 18 feet, in increments of two feet, with pin locking at each point for greater safety. Boom control is handled by a 3-part $\frac{3}{8}$ " steel wire rope. Power retraction can be obtained by applying power to load or boom line. Boom is a weldment of alloy, high-tensile steel.

The world's only crawler-mounted swing crane of its kind!

It's the newest, most rugged crane unit from INTERNATIONAL-SUPERIOR, and it's destined to be a favorite wherever big lifts are called for in a "middle-sized" package. Teamed with International's famous TD-9-B, this new crane is, pound-for-pound, the most powerful unit on tracks, bar none! Job-tested, too, on some of the toughest construction, loading and handling projects in the country, with results that spell **EXTRA PROFIT** for your firm. Check over the details shown here, then pick up the phone and set the date for a demonstration. Just watch it deliver the goods!

This versatile crane can be solving jobs for YOU in a very short time! Contact your International-Superior distributor today!

9-B-CAF Angle Blade BACKFILLER

... angles up to 33°!

Cable-operated, ideal for back-filling, light dozing or side-casting. Angles 33° to right or left, and comes equipped with reversible, replaceable 3-piece digging edges and individual end bits. Adjustable grading shoes are also standard equipment, and can easily be removed when not required.

Carrying hooks hold blade in transport position when not in use. Blade in carry position (shown below) does not interfere with crane use. Entire blade unit is easily removed and re-mounted, using the crane for effortless changeover.

BRIEF SPECIFICATIONS

Blade Length	8' 0"
Blade Height	28"
Blade Lift above ground	28"
Blade Drop below ground line	12"
Max. Angle of blade	33°
Cutting Edge	Alloy Steel, and reversible
Shipping Weight	2,250 lbs.



Specifications

INTERNATIONAL-SUPERIOR CTD-9-B REVOLVING CRANE MOUNTED ON INTERNATIONAL TD-9-B-504-2 CRAWLER TRACTOR

The use of 15" overlapping flat shoe or 15" overlapping flat low profile 3-grouser track shoes is recommended

LINE SPEEDS at drum at rated governed engine rpm:

Load winch, bare drum, fpm	83
Boom winch, bare drum, fpm	46

CRANE CABLES:

Load cable (single line), size	1/2"
Boom cable (3-part line), size	5/8"

TRACTOR SPECIFICATIONS:

International Diesel Engine, with Turbocharger

Net engine hp @ flywheel @ sea level	71
Number of cylinders	6
Bore and stroke, in.	3 1/16 x 4.39
Piston displacement, cu. in.	282
Rated governed speed	1,800 r.p.m.

Tractor Transmission

Selective sliding gear type; four speeds forward, 1.5 to 5.3 mph — two speed reverse, 1.7 and 3.5 mph at rated governed speed.

Steering Mechanism:

Hand lever operated, with spring booster, heavy-duty multiple-disc clutch for each track. Individual foot-operated steering brakes.

TRACK DIMENSIONS:

Tread, center to center of track	60"
Length of track on ground with extended rigid track frame and large dia. front idlers	81.5"
Ground contact area with 15" wide overlapping flat shoes (sq. in.)	2,445
Number of track rollers each side	6
Number of track shoes	78
(Optional track shoes available)	
Overlapping flat low profile three grouser	15"

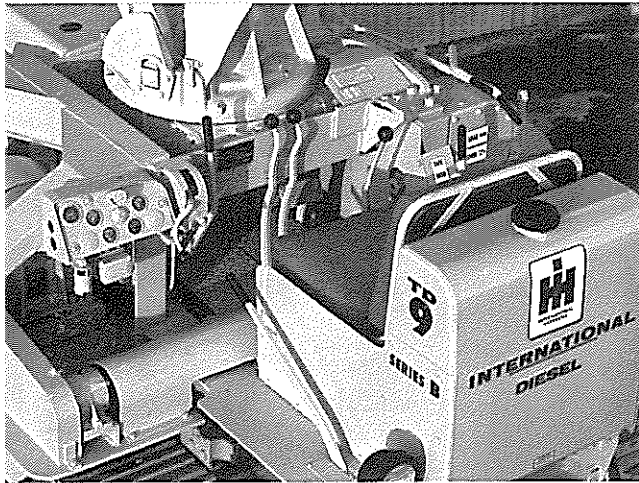
TRACTOR AND CRANE DIMENSIONS:

Overall length with counterweights, boom telescoped together and clamped in boom support (add 72" for extended boom)	233.5"
Overall length without boom, with CTWTS	143.8"
Overall length without boom or CTWTS	123.8"
Width to outside of crane frame	90.5"
Height from base of flat shoe to top of mast with boom lowered and CTWTS raised	116.5"
Height as above, except with CTWTS lowered	94"
Height without CTWTS	88"
Drawbar height above base of flat shoe	14"
Ground clearance of lowest point, above base of flat shoe	13"

APPROXIMATE WEIGHTS:

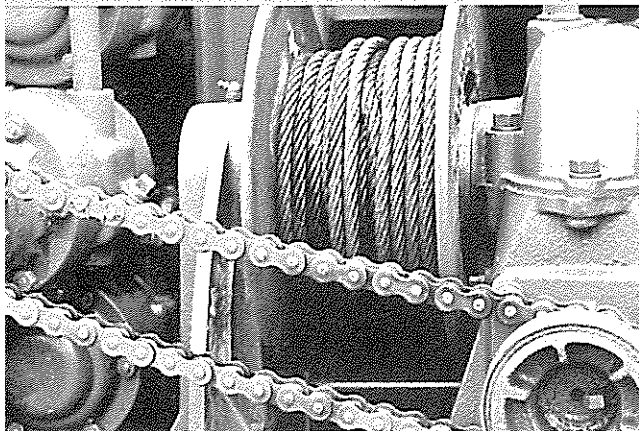
Crawler Tractor	13,050 lbs.
Crane unit	7,940 lbs.
Push blade unit	2,250 lbs.
Counterweights	2,000 lbs.

Specifications subject to change without notice.



Operator's compartment designed for ease of control. Adjustable seat gives maximum comfort . . .

Working from a compartment like this, watch your operator do twice the work, and feel like he's worked half as long! Easy accessibility with the broad entryway, with controls for both tractor and crane efficiently located.



Self-locking DRUM WINCHES . . .

for maximum safety to operator. Drum winches are mounted on each side of the frame (right side shown), with all gears and bearing enclosed running in oil. Automatic holding brake is external and easily adjusted. Clutches are sliding gear type, powered through rear tail clutch of the crane.

International Harvester Co.
180 N. MICHIGAN AVE., CHICAGO 1, ILL.



The Superior Equipment Co.
P. O. BOX 30, BUCYRUS, OHIO, U.S.A.