

**LINK-BELT  
SPEEDER**

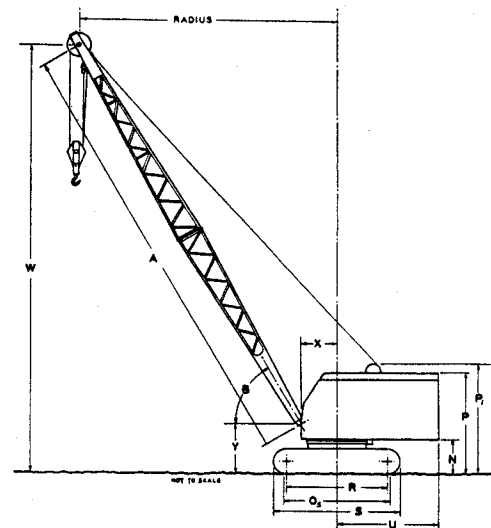
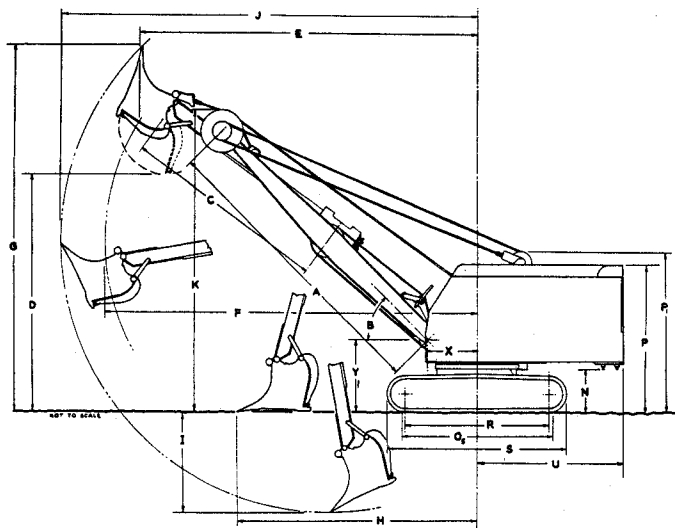
# K-360 1-1/2 Cubic Yard Shovel Flysheet

30.4 TON CRAWLER MOUNTED CRANE (PCSA CLASS 12-114)

Seven Roller Side Frames 8'2" Gauge x 14'2" Long Over-all

(Supersedes Flysheet CRF6037-10-61)

GENERAL INFORMATION ONLY



## SHOVEL WORKING RANGES

|                                                                                          |       |
|------------------------------------------------------------------------------------------|-------|
| Dipper capacity, cubic yards (struck measure) .....                                      | 1-1/2 |
| A—Boom length, center to center of pins .....                                            | 23'0" |
| Effective boom length (center of boom foot pin to cable pitch line of peak sheave) ..... | 24'6" |
| C—Dipper stick length, effective .....                                                   | 16'2" |
| Dipper stick length, over-all .....                                                      | 18'0" |

| BOOM ANGLE                 | B | 60°     | 55°     | 50°    | 45°     | 40°    |
|----------------------------|---|---------|---------|--------|---------|--------|
| Maximum dumping height     | D | 23' 4"  | 21' 8"  | 20' 1" | 18' 4"  | 16' 5" |
| Dump radius at max. height | E | 21' 8"  | 23' 7"  | 25' 4" | 26' 11" | 28' 5" |
| Maximum dumping radius     | F | 27' 5"  | 28' 3"  | 29' 0" | 29' 8"  | 30' 4" |
| Maximum cutting height     | G | 33' 9"  | 32' 3"  | 30' 7" | 28' 8"  | 26' 7" |
| Maximum clean-up radius    | H | 20' 3"  | 20' 11" | 21' 6" | 22' 0"  | 22' 6" |
| Maximum digging depth      | I | 6' 2"   | 6' 8"   | 7' 3"  | 7' 11"  | 8' 8"  |
| Maximum cutting radius     | J | 30' 10" | 31' 7"  | 32' 4" | 33' 0"  | 33' 8" |
| Boom clearance height      | K | 27' 4"  | 26' 2"  | 25' 0" | 23' 7"  | 22' 2" |

## GENERAL DIMENSIONS COMMON TO BOTH SHOVEL AND CRANE

|                                                |     |         |
|------------------------------------------------|-----|---------|
| Ground clearance, counterweight "A" .....      | N   | 3' 4"   |
| Crawler ground bearing length .....            | O 5 | 12' 3"  |
| Cab clearance height .....                     | P   | 11' 7"  |
| Over-all height, low gantry .....              | P 1 | 12' 6"  |
| Center to center of wheels .....               | R   | 11' 3"  |
| Over-all crawler length .....                  | S   | 14' 2"  |
| Tailswing, counterweight "A" .....             | U   | 10' 6"  |
| Radius of boom hinge pin .....                 | X   | 4' 0"   |
| Height of boom hinge pin .....                 | Y   | 5' 8"   |
| Over-all width with 28" wide track shoes ..... |     | 10' 6"  |
| Over-all width with 32" wide track shoes ..... |     | 10' 10" |
| Width of cab .....                             |     | 10' 3"  |
| Minimum ground clearance .....                 |     | 1' 2"   |

## BRIEF SPECIFICATIONS

### SHOVEL

|                                                                                           |                  |              |
|-------------------------------------------------------------------------------------------|------------------|--------------|
| Approximate working weight with 28" wide track shoes, low gantry, counterweight "A" ..... | 101,600 lbs.     |              |
| Crowd speed .....                                                                         | 63 f.p.m.        |              |
| Retract speed .....                                                                       | 124 f.p.m.       |              |
| Swing speed .....                                                                         | 3.4 r.p.m.       |              |
| Lagging                                                                                   | Line Pull        | Line Speed   |
| 22" hoist .....                                                                           | 30,400 lbs. .... | @ 150 f.p.m. |

## CRANE GENERAL DIMENSIONS

|                                         |   |       |
|-----------------------------------------|---|-------|
| Basic boom length .....                 | A | 50'0" |
| Ground clearance, counterweight "AB" .. | N | 2'7"  |
| Tailswing, counterweight "AB" .....     | U | 10'6" |

## BRIEF SPECIFICATIONS

### LIFTING CRANE AND CLAMSHELL

Approximate working weight with 50' boom, 28" wide track shoes, low gantry, counterweight "A", but no hook block, bucket or tagline winder ..... 85,800 lbs.

|                            |             |              |
|----------------------------|-------------|--------------|
| Lagging                    | Line Pull   | Line Speed   |
| 22" hoist or holding ..... | 30,400 lbs. | @ 150 f.p.m. |
| 22" hoist or closing ..... | 30,400 lbs. | @ 150 f.p.m. |

Swing speed ..... 3.4 r.p.m.

### DRAGLINE

Approximate working weight with 50' boom, 28" wide track shoes, low gantry, counterweight "A", but no bucket ..... 86,800 lbs.

|                  |             |              |
|------------------|-------------|--------------|
| Lagging          | Line Pull   | Line Speed   |
| 22" hoist .....  | 30,400 lbs. | @ 150 f.p.m. |
| 22" inhaul ..... | 30,400 lbs. | @ 150 f.p.m. |

Swing speed ..... 3.4 r.p.m.

### CRAWLER

28" wide track shoes standard, 32" wide track shoes optional at extra cost. Travel speed: .83 m.p.h.

### POWER UNITS

Suitable for operation up to 4,000' above sea level.  
For operation at higher altitudes, consult factory.  
Standard—Caterpillar D342-C diesel engine with friction clutch, six cylinder, 150 net horsepower @ 950 r.p.m. full load speed.  
Optional at extra cost—Caterpillar D342-C diesel engine with hydraulic coupling.



These specifications comply with the recommended Commercial Standard CS90-58, developed under the National Bureau of Standards and issued by the United States Department of Commerce.

**LINK-BELT SPEEDER**Link-Belt Speeder  
Cedar Rapids, IowaLink-Belt Speeder (Canada), Ltd.  
Woodstock, Ontario

PRINTED IN U.S.A.

63-80 — 11-5-63  
Flysheet CRF6046-10-63