

# DILLON®

## Model AP Mechanical Crane Scales

*Pictured from left to right*

**Intermediate range  
Dynamometer scale.**

Three capacities: 15,000 lb,  
20,000 lb and 10,000 kg

**Low range  
Dynamometer scale.**

Fourteen capacities:  
500 to 10,000 lb and  
200 to 5,000 kg

**High range  
Dynamometer scale.**

Five capacities:  
30,000 to 50,000 lb and  
15,000 to 20,000 kg.

*Swiveling hooks permit  
convenient load  
positioning.*



*Widest Capacity Range Available*

# Model AP Mechanical Crane Scales

## Features and benefits

**Available in low, intermediate and high range models** – Thirteen capacities from 500 to 50,000 pounds. Nine capacities from 200 to 20,000 kg.

**Anti-parallax dial and pointer** – Easy to read even at an angle.

**Tare capability** – Tare loads up to 20% of capacity can be zeroed out by means of zero control.

**Dust protection** – Pinion gear, sector gear and shafts are mounted in precision aircraft bearings, permanently sealed against dust and dirt. Oiling is never required.

**Tough construction** – Mechanism case is a heavy aluminum alloy casting, tough enough to resist even heavy blows.

**Ingenious design** – Utilizes a specially designed alloy steel beam that translates force to pounds. Full scale reading results from beam deflection of only 0.026". Applied loads are indicated instantly.

**Reduced wear** – Pinion and sector gears are cut from stainless steel and hardened aluminum. Use of these dissimilar materials greatly reduces friction and wear.

**Protective finish** – Scale cases are coated with a baked-on powder paint process making them resistant to chips, scratches, rust and corrosion.

**Maximum indicator** – Remains in position to indicate peak load point after load is removed from scale.

## Specifications

	Part Number	Capacities & dial divisions (lb)	Part number	Capacities & dial divisions (kg)	Length (Inches)	Net/Gross Wt. (lb)
LOW	30008-0017	500 x 2	30008-0090	200 x 1	25.5	28 62
	30008-0025	1,000 x 5	30008-0108	500 x 2	25.5	28 62
	30008-0033	2,000 x 10	30008-0116	1,000 x 5	25.5	28 62
	30008-0041	4,000 x 20	30008-0124	2,000 x 10	25.5	28 62
	30008-0058	5,000 x 20	N/A	N/A	25.5	28 62
	30008-0066	6,000 x 25	N/A	N/A	25.5	28 62
	30008-0074	8,000 x 50	30008-0132	4,000 x 20	25.5	28 62
	30008-0082	10,000 x 50	30008-0140	5,000 x 20	25.5	28 62
MED	30387-0018	15,000 x 100	N/A	N/A	29.75	48 83
	30387-0026	*20,000 x 100	30387-0034	*10,000 x 50	29.75	48 83
HIGH	30361-0018	30,000 x 200	30361-0042	15,000, x 100	37.5	140 175
	30361-0026	40,000 x 200	30361-0059	20,000 x 100	37.5	140 175
	30361-0034	50,000 x 200	N/A	N/A	37.5	140 175

### Accuracy:

To  $\pm 0.5\%$  of full scale on ascending or descending loads

**Tare adjustment:** Up to 20% of full scale range

**Ultimate safety factor:** 5:1 (\* 20,000 lb and 10,000 kg 4:1)

**Dial diameter:** 10"

**Scale length:** (from inside of eye to inside of hook)

Low Range: 25 $\frac{1}{2}$ "

Intermediate Range: 29 $\frac{3}{4}$ "

High Range: 37 $\frac{1}{2}$ "

## AUTHORIZED DISTRIBUTORS

**Ask the experts.** Dillon distributors offer complete service capabilities from application assistance to sales and product support. Their experienced representatives are the most knowledgeable experts that you will find in the force measurement industry. We recommend that you consult these capable specialists for all of your measuring needs.