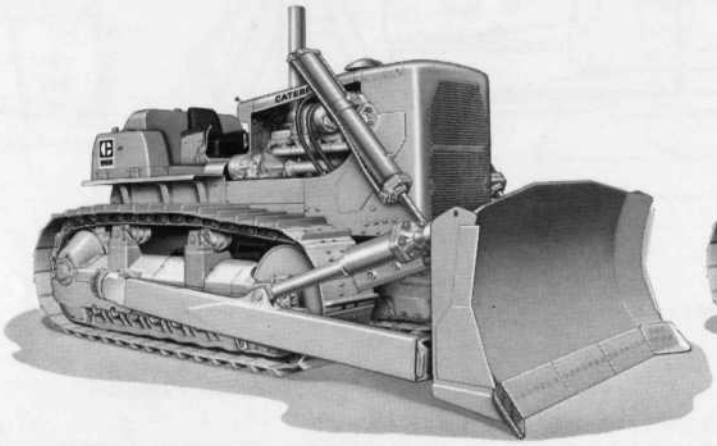
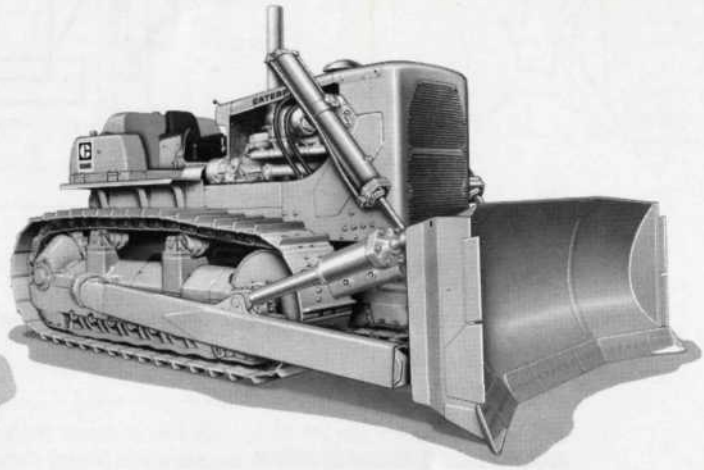
CATERPILLAR

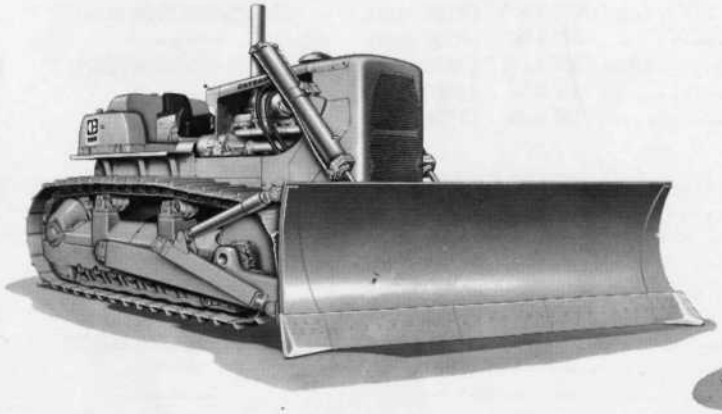
D9G* Bulldozers



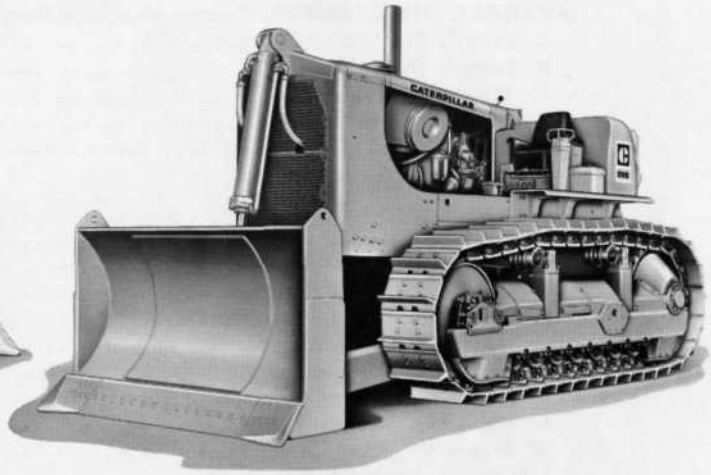
*9S Bulldozer on D9G Track-type Tractor



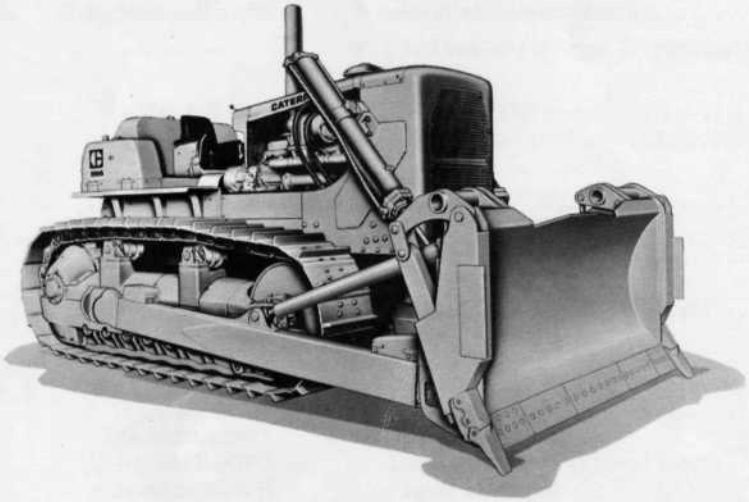
*9U Bulldozer on D9G Track-type Tractor



*9A Bulldozer on D9G Track-type Tractor



*9C Bulldozer on D9G Track-type Tractor



*9R Bulldozer on D9G Track-type Tractor

Sliding Center Ball (9S and 9U dozers) — Patented bracing system distributes side forces equally to both push arms, permits tilt cylinder operation without bowing stresses.

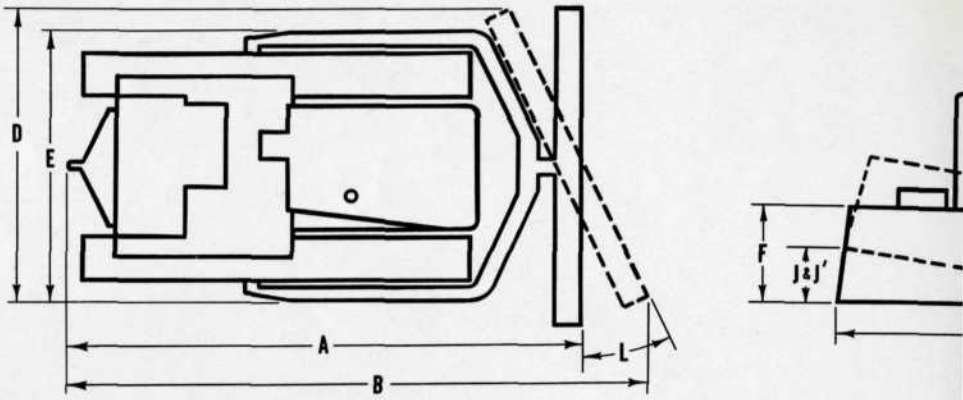
Tilt cylinder (standard on 9S, 9U and 9R dozers) — Provides in-seat dozer tilting for side hill cutting, ditching, rock or stump removal; helps maintain level grades. Hydraulic lines are enclosed in the push arms for protection.

Quick drop valves — Redirect hydraulic flow enabling hydraulic controlled dozers to react with cable control speed.

DH-2 Steel cutting edges and end bits are guaranteed against breakage. If one should break during operation your Caterpillar Dealer will replace it free.

D9G

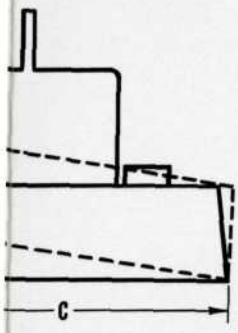
BULLDOZER SPECIFICATIONS

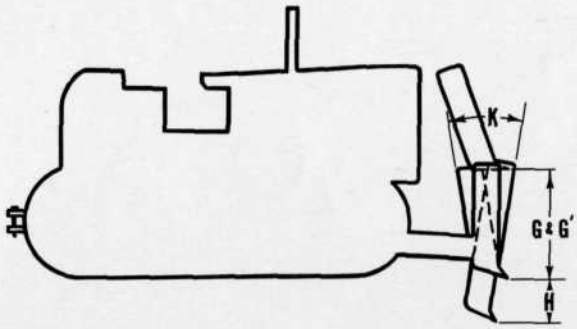


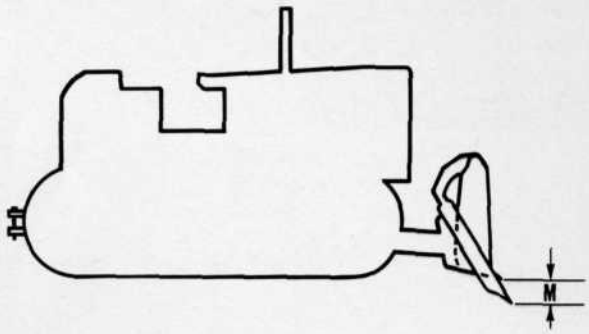
BULLDOZER MODEL for D9 Series G Tractor	9A	9S	9
TYPE	Angle	Straight	Unive
MOUNTING	Track Frame	Track Frame	Track

COMPLETE BULLDOZER consists of: blade, C-frame for 9-A, push arms and tilt cylinder for 9S, 9U and 9R, and braces, tr
Hydraulic controls are required but not included with bulldozers.

TILT CYLINDER MOUNTING	———	Right side	Right
OVERALL DIMENSIONS, Tractor with bulldozer:			
A Length (blade straight)	23′ 3¼″ (7100 mm)	23′ 2¾″ (7100 mm)	24′ 2¾″ (
B Length (blade angled)	26′ 3⅞″ (8000 mm)	———	———
C Width (blade straight)	15′ 11¾″ (4850 mm)	14′ 5⅜″ (4350 mm)	15′ 9″ (
D Width (blade angled)	14′ 2″ (4300 mm)	———	———
E Width (with C-frame only)	12′ ¾″ (3700 mm)	———	———
BLADE:			
C Length (including end bits)	15′ 11¾″ (4850 mm)	14′ 5⅜″ (4350 mm)	15′ 9″ (
F Height	51¼″ (1300 mm)	71½″ (1820 mm)	71½″ (
G Ground clearance (blade straight)	60″ (1520 mm)	59¼″ (1500 mm)	59¼″ (
G′ Ground clearance (blade angled)	70¼″ (1780 mm)	———	———
H Maximum drop below ground	23½″ (600 mm)	21¼″ (540 mm)	21¼″ (
J Maximum tilt	10″ (250 mm)	29¾″ (760 mm)	32¾″ (
J′ Maximum tilt with manual brace centered	5″ (130 mm)	14⅞″ (380 mm)	16⅜″ (
K Maximum pitch adjustment	———	8°	8
L Blade angle (either side)	25°	———	———
M Ripper tip extension	———	———	———
Lift speed at rated engine RPM	1.18 fps (0,36 m/sec)	1.12 fps (0,34 m/sec)	1.12 (0,34 m
Construction	Multiple Box Section	Multiple Box Section	Multiple Bo
CUSHION travel and compression	———	———	———
MOLDBOARD:			
Material	HT Steel	HT Steel	HT S
Center push plate size	———	———	———
CUTTING EDGES, reversible:			
Length, center section	41⅞″ (1060 mm)	———	77¾″ (
Length, side sections	53⅞″ (1370 mm)	59⅞″ (1520 mm)	35¾″ (
Width x thickness	12″ x 1⅛″ (305 x 29 mm)	13″ x 1⅛″ (330 x 29 mm)	13″ x (330 x 2
Material	DH-2 Through Hardened Steel	DH-2 Through Hardened Steel	DH-2 T Hardene
END BITS (2), self sharpening:			
Length	20¹³⁄₁₆″ (530 mm)	27⅜″ (700 mm)	23¹³⁄₁₆″ (
Width x thickness	12″ x 1¼″ (305 x 32 mm)	15.42″ x 1¼″ (390 x 32 mm)	15.42″ (390 x 3
Material	DH-2 Through Hardened Steel	DH-2 Through Hardened Steel	DH-2 T Hardene
MAXIMUM USABLE TRACK SHOE WIDTH	27″ (690 mm)	27″ (690 mm)	27″ (
LIFT CYLINDERS, double acting:			
Bore x stroke	Two — 6¼″ x 50⅛″ (165 x 1270 mm)	Two — 6¼″ x 50⅛″ (165 x 1270 mm)	Two — 6¼ (165 x 12
SHIPPING WEIGHT, not installed (without control) approx.	14,600 lb. (6600 kg)	14,600 lb. (6600 kg)	16,200 lb. (

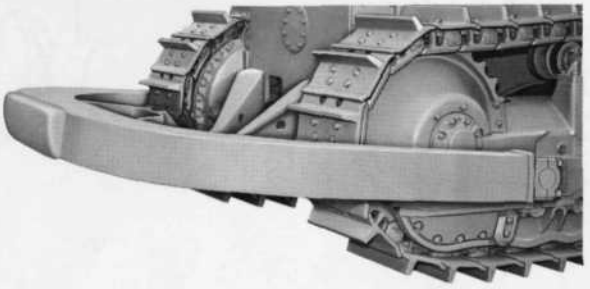






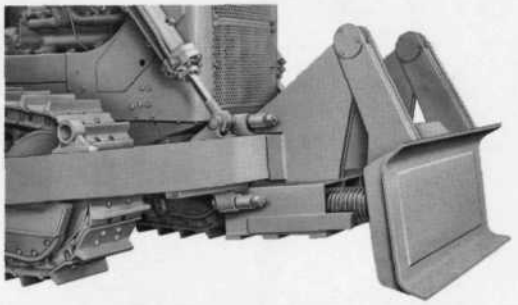
J rsal Frame	9R Rip Track Frame	9C (Single Cylinder) Cushion Main Frame	9C (Double Cylinder) Cushion Main Frame
nnions, lift cylinders and brackets.		**COMPLETE CUSHION BULLDOZER** *consists of* blade, push frame, trunnions, tapping strips, crankcase guard, and cylinders. Hydraulic controls are required but not included with bulldozers.	
side	Left side	———	———
7400 mm)	23′ 3″ (7100 mm)	22′ 8½″ (6900 mm)	22′ 8½″ (6900 mm)
— 4800 mm)	——— 14′ 4½″ (4350 mm)	——— 10′ 1″ (3050 mm)	——— 10′ 1″ (3050 mm)
— —	——— ———	——— ———	——— ———
4800 mm)	14′ 4½″ (4350 mm)	10′ 1″ (3050 mm)	10′ 1″ (3050 mm)
1820 mm)	71½″ (1820 mm)	60″ (1520 mm)	60″ (1520 mm)
1500 mm)	59¼″ (1500 mm)	39½″ (1000 mm)	39½″ (1000 mm)
— 540 mm)	——— 21¼″ (540 mm)	——— 20¾″ (530 mm)	——— 20¾″ (530 mm)
830 mm)	37¼″ (950 mm)	———	———
415 mm)	22¼″ (570 mm)	———	———
	8°	———	———
— —	——— 12″ (305 mm)	——— ———	——— ———
fps /sec)	1.12 fps (0,34 m/sec)	1.2 fps (0,37 m/sec)	1.12 fps (0,34 m/sec)
x Section	Multiple Box Section	Multiple Box Section	Multiple Box Section
—	———	5″ x 160,000 lb. (130 mm & 72600 kg)	5″ x 160,000 lb. (130 mm & 72600 kg)
teel —	HT Steel ———	HT Steel 38⅞″ x 44″ x ¾″ (987 x 1118 x 19 mm)	HT Steel 38⅞″ x 44″ x ¾″ (987 x 1118 x 19 mm)
1980 mm)	41″ (1040 mm)	87″ (2210 mm)	87″ (2210 mm)
910 mm)	41″ (1040 mm)	———	———
1⅛″ 9 mm)	13″ x 1⅛″ (330 x 29 mm)	12″ x 1⅛″ (305 x 29 mm)	12″ x 1⅛″ (305 x 29 mm)
rough d Steel	DH-2 Through Hardened Steel	DH-2 Through Hardened Steel	DH-2 Through Hardened Steel
600 mm)	19 15/16″ (510 mm)	20 13/16″ (530 mm)	20 13/16″ (530 mm)
1¼″ 2 mm)	13″ x 1⅛″ (330 x 29 mm)	13¾″ x 1¼″ (350 x 32 mm)	13¾″ x 1¼″ (350 x 32 mm)
rough d Steel	DH-2 Through Hardened Steel	DH-2 Through Hardened Steel	DH-2 Through Hardened Steel
690 mm)	27″ (690 mm)	30″ (760 mm)	30″ (760 mm)
″ x 50⅛″ 70 mm)	Two — 6¼″ x 50⅛″ (165 x 1270 mm)	One — 7″ x 46⅛″ (178 x 1170 mm)	Two — 6¼″ x 50⅛″ (159 x 1270 mm)
7400 kg)	18,300 lb. (8300 kg)	12,000 lb. (5400 kg)	13,700 lb. (6200 kg)

ATTACHMENTS



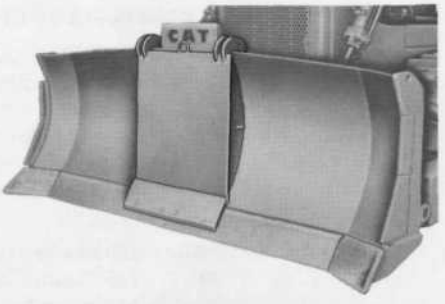
Tandem pusher C-frame is proper tandem pushloading equipment with push cup on front C-frame or with any dozer except 9C.

Total length including tractor ..... 20′ 5″ (6200 mm)
Total width ..... 11′ 9″ (3600 mm)
Shipping weight, installed
(approx.) ..... 3,350 lb. (1520 kg)



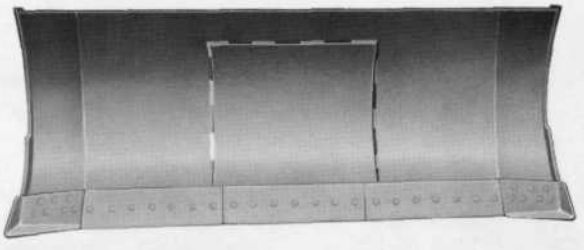
Cushion push cup for 9A C-frame is used interchangeably with the bulldozer blade for reduced contact shock in pushloading.

Total length including tractor ..... 24′ 8″ (7500 mm)
Shipping weight, installed
(approx.) ..... 5,400 lb. (2450 kg)



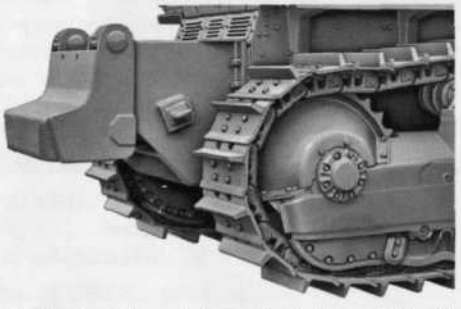
Push cup for 9R and 9S adapts straight bulldozers for pusher duty. Cup mounts with hooks and pin for easy removal.

Shipping weight, (approx.) ..... 1,620 lb. (740 kg)



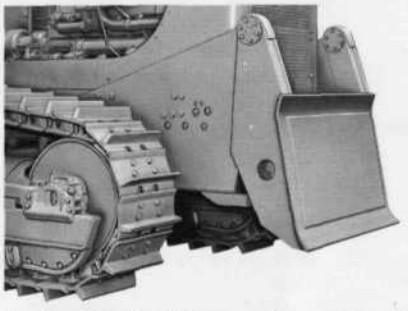
Moldboard push plate may be welded to blade to protect it during pushloading.

Shipping weight, (approx.) ..... 560 lb. (255 kg)



Cushion push block mates with push plate or 9C bulldozer to equip tractor for tandem pushloading.

Total length:
Tractor with No. 9C bulldozer .. 22′ 11″ (7000 mm)
Tractor without bulldozer ..... 19′ 1″ (5800 mm)
Cushion travel and compression ... 7″ and 140,000 lb.
(180 mm and 63 500 kg)
Shipping weight, installed
(approx.) ..... 2,850 lb. (1300 kg)



Cushion push plate may be used on front of machine in place of a bulldozer.

Total length including tractor .... 20′ 4″ (6200 mm)
Shipping weight, installed
(approx.) ..... 5,000 lb. (2270 kg)

AE040457 (6-68)
Replaces AE040356-06 (1-68)