

MODEL W30
WITH F.A.C.T. SYSTEM

Wheel Loader

Case self-leveling in-line loader linkage

American Coupler self-aligning male master

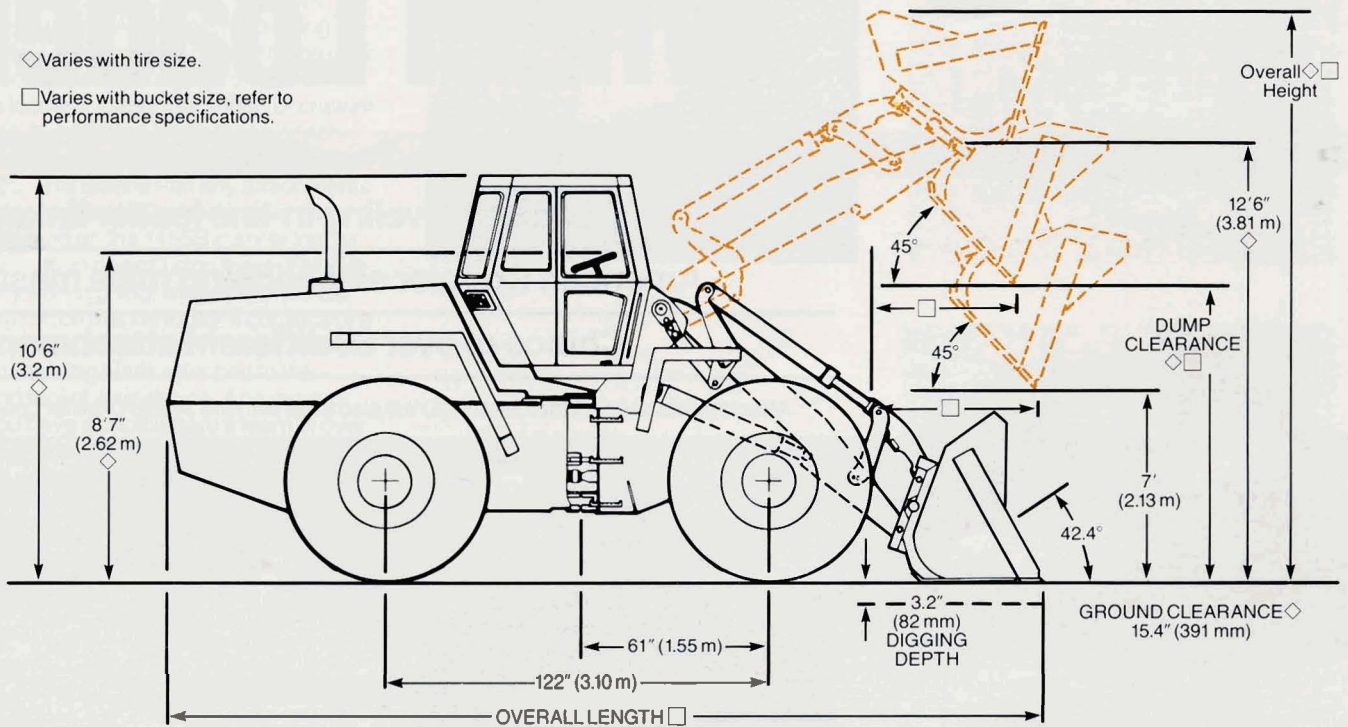
Choice of over 80 different attachments

Attachments used on the Case W30 will also fit up with the 1455B Crawler Loader.

FACT[™]
FAST ATTACHMENT COUPLING TEAM



PERFORMANCE DATA-LOADER



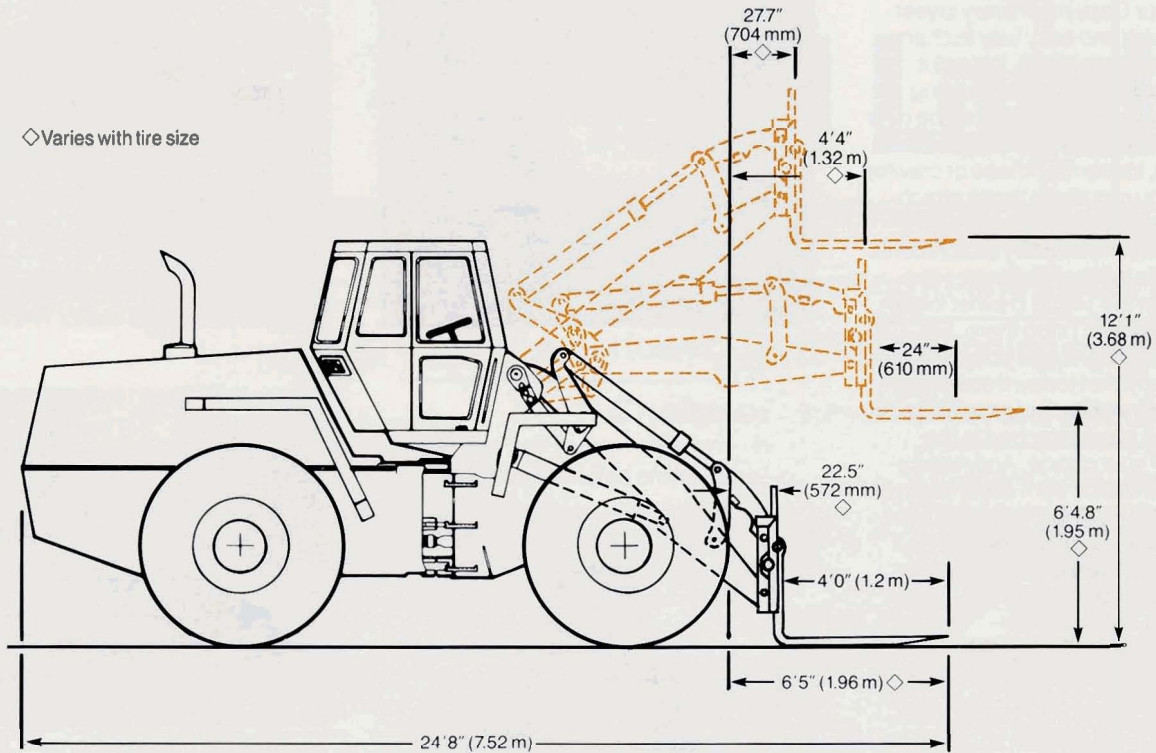
PERFORMANCE SPECIFICATIONS – Buckets – Loader ratings are governed by SAE J732 and 742

ATTACHMENT	GENERAL PURPOSE	GENERAL PURPOSE	4-in-1
SAE rated (nominally heaped)	3.0 yd ³ (2.28 m ³)	3.5 yd ³ (2.66 m ³)	3.0 yd ³ (2.28 m ³)
Struck	2.48 yd ³ (1.88 m ³)	2.96 yd ³ (2.25 m ³)	2.51 yd ³ (1.91 m ³)
Cutting edge width	106" (2.69 m)	106" (2.69 m)	108" (2.74 m)
Weight	2,475 lbs (1124 kg)	2,650 lbs (1657 kg)	4,100 lbs (1861 kg)
Dump clearance @ 45° dump full height	9' (2.74 m)	8' 10" (2.69 m)	9' 1" (2.77 m)
Bucket reach @ full height and 45° dump	43" (1.09 m)	46" (1.17 m)	42" (1.07 m)
Bucket reach @ 7' (2.13 m) clearance and 45° dump	59.2" (1.50 m)	62" (1.57 m)	58.2" (1.48 m)
Loader clearance circle – bucket in carry position	38' 6" (11.7 m)	38' 8" (11.8 m)	38' 5" (11.7 m)
Overall length	23' 6.2" (7.17 m)	23' 8.5" (7.23 m)	4.7" (7.13 m)
Overall height	16' 9.5" (5.12 m)	17' 5" (5.31 m)	17' 10.5" (5.45 m)
SAE breakout force	21,680 lbf (29 376 Nm)	19,803 lbf (26 833 Nm)	18,360 lbf (24 878 Nm)
SAE tipping load			
Straight	25,590 lbs (11 618 kg)	25,450 lbs (11 554 kg)	22,400 lbs (10 170 kg)
40° turn	20,905 lbs (9491 kg)	21,080 lbs (9570 kg)	18,400 lbs (8354 kg)
Operating load*	10,452 lbs (4745 kg)	10,540 lbs (4785 kg)	9,200 lbs (4177 kg)
Rated load**	10,200 lbs (4631 kg)	10,200 lbs (4631 kg)	10,200 lbs (4631 kg)
Hydraulic lifting capacity @ full height	17,010 lbs (7723 kg)	16,835 lbs (7643 kg)	18,385 lbs (8328 kg)
SAE operating weight**	30,090 lbs (13 661 kg)	30,265 lbs (13 740 kg)	31,715 lbs (14 399 kg)

*For select items, add to or deduct from the machine operating weight and tipping loads as given in the chart. All dimensions and specifications based upon unit with 20.5 x 25, L2, 10PR tires, with standard and auxiliary counterweights, ROPS cab, fenders, F.A.C.T. coupler and attachment specified, fully serviced and with 175 lb (79 kg) operator.

**Continuous load exceeding specified rated load can affect service life of machine.

PERFORMANCE DATA-CONSTRUCTION DUTY FORKS

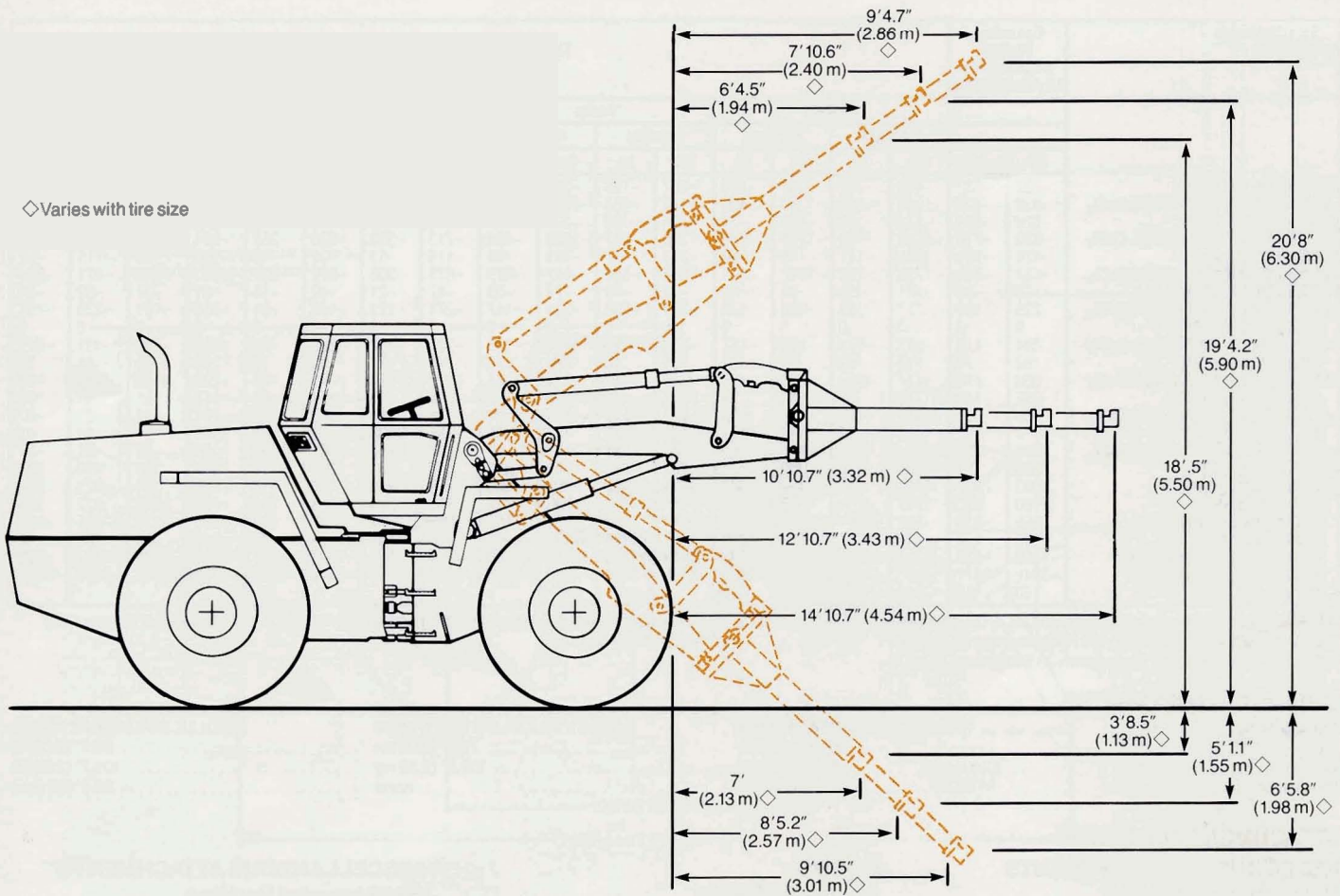


PERFORMANCE SPECIFICATIONS—Construction Duty Forks

Fork tine size	2.5" x 6" x 48" (63.5 mm x 152 mm x 1219 mm)
Weight—fork	1,315 lbs (596 kg)
Fork width (max) outside to outside of tine	4' 10.3" (1.48 m)
Fork clearance—ground to top of tine	12' 1" (3.68 m)
Fork reach—maximum	8' 6" (2.59 m)
Fork load center	24" (610 mm)
SAE tipping load	
Straight	18,690 lbs (8485 kg)
40° turn	15,740 lbs (7146 kg)
Operating load*	7,855 lbs (3566 kg)
Clearance circle—forks in carry position	37' 1" (11.3 m)
SAE operating weight*	23,930 lbs (10,854 kg)

*For select items, add to or deduct from the machine operating weight and tipping loads as given in the chart. All dimensions and specifications based upon unit with 20.5 x 25, L2, 10PR tires, with standard and auxiliary counterweights, ROPS cab, fenders, F.A.C.T. coupler and attachment specified, fully serviced and with 175 lb (79 kg) operator.

PERFORMANCE DATA-CONSTRUCTION DUTY JIB



PERFORMANCE SPECIFICATIONS – Construction Duty Jib

ARM POSITION	Retracted	Mid-Position	Extended
Weight – material handling arm	1,120 lbs (508 kg)	1,120 lbs (508 kg)	1,120 lbs (508 kg)
Arm length – rear of backing plate to hook	6' 8.8" (2.05 m)	8' 8.8" (2.66 m)	10' 8.8" (3.27 m)
SAE tipping load			
Straight	12,740 lbs (5784 kg)	11,140 lbs (5058 kg)	9,660 lbs (4386 kg)
40° turn	10,860 lbs (4930 kg)	9,960 lbs (4522 kg)	8,280 lbs (3759 kg)
Operating load	5,415 lbs (2458 kg)	4,730 lbs (2147 kg)	4,200 lbs (1907 kg)
Clearance circle – arm in carry position	38' 8" (11.8 m)	41' 6" (12.6 m)	44' 8" (13.6 m)
SAE operating weight*	28,735 lbs (13,034 kg)	28,735 lbs (13,034 kg)	28,735 lbs (13,034 kg)

*For select items, add to or deduct from the machine operating weight and tipping loads as given in the chart. All dimensions and specifications based upon unit with 20.5 x 25, L2, 10PR tires, with standard and auxiliary counterweights, ROPS cab, fenders, F.A.C.T. coupler and attachment specified, fully serviced and with 175 lb (79 kg) operator.

PERFORMANCE DATA

Selected Items	Operating Weight Adjustments All Attachments		Tipping Load Adjustments															
			Buckets				Forks				M. H. Arm (Extended)				M. H. Arm (Retracted)			
			Straight		40° Turn		Straight		40° Turn		Straight		40° Turn		Straight		40° Turn	
			lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg
17.5 x 25, L2, 12PR	-732	-332	-456	-207	-297	-135	-367	-167	-288	-131	-198	-90	-166	-75	-256	-116	-211	-96
▲17.5 x 25, L2, 12PR w/75% CaCl ₂	-938	-425	-1943	-882	-1324	-601	-1442	-654	-1088	-493	-757	-343	-593	-269	-989	-449	-765	-347
17.5 x 25, L3, 12PR	-624	-283	-311	-141	-163	-74	-334	-152	-273	-124	-176	-80	-150	-68	-228	-103	-193	-88
▲17.5 x 25, L3, 12PR w/75% CaCl ₂	-830	-376	-1859	-843	-1257	-570	-1360	-617	-1028	-466	-713	-323	-570	-259	-954	-433	-730	-331
17.5 x 25, X RAT 1*	-428	-194	-245	-111	-109	-50	-213	-97	-143	-65	-116	-53	-93	-42	-150	-68	-115	-52
▲17.5 x 25, X RAT 1* w/75% CaCl ₂	-634	-288	-1733	-786	-1090	-494	-1288	-584	-947	-429	-675	-306	-522	-237	-883	-400	-671	-304
20.5 x 25, L2, 12PR	-168	-76	-121	-55	-85	-39	-88	-40	-74	-33	-47	-21	-40	-18	-61	-27	-52	-24
▲20.5 x 25, L2, 12PR w/75% CaCl ₂	226	103	-717	-325	-396	-179	-520	-236	-324	-147	-271	-123	-178	-81	-355	-161	-230	-104
20.5 x 25, L2, 16PR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
▲20.5 x 25, L2, 16PR w/75% CaCl ₂	394	179	-597	-271	-302	-137	-431	-195	-253	-115	-225	-102	-138	-63	-653	-296	-491	-223
20.5 x 25, L3, 12PR	168	76	117	53	91	41	89	40	74	33	46	21	40	18	62	28	51	23
▲20.5 x 25, L3, 12PR w/75% CaCl ₂	562	255	-477	-216	-208	-94	-342	-155	-179	-81	-178	-81	-98	-44	-233	-106	-125	-57
20.5 x 25, L3, 16PR	312	142	216	98	169	77	165	75	137	62	86	39	74	34	113	51	94	43
▲20.5 x 25, L3, 16PR w/75% CaCl ₂	706	320	-374	-170	-128	-58	-267	-121	-115	-52	-138	-63	-63	-29	-181	-82	-81	-37
20.5 x 25, X RAT 1*	312	142	216	98	169	77	165	75	137	62	86	39	74	34	113	51	94	43
▲20.5 x 25, X RAT 1* w/75% CaCl ₂	706	320	-374	-170	-128	-58	-267	-121	-115	-52	-138	-63	-63	-29	-181	-82	-81	-37
*23.5 x 25, L2, 12PR	1596	724	1150	522	960	435	851	386	723	328	447	203	384	174	584	265	499	226
*23.5 x 25, L3, 12PR	2000	907	1448	657	1194	542	1064	482	896	406	558	253	480	218	730	331	623	283
*23.5 x 25, X RAT 1	2160	980	1557	706	1282	582	1147	520	966	438	603	274	518	235	789	358	672	305
With ROPS canopy ILO cab	-565	-256	-562	-255	-450	-204	-417	-189	-363	-165	-219	-99	-197	-89	-286	-130	-255	-116
Without fenders	-300	-136	-409	-186	-679	-308	-167	-76	-149	-67	-90	-41	-84	-38	-116	-53	-106	-48
Without aux. counterweights	-1406	-638	-3238	-1469	-2410	-1093	-2359	-1070	-1878	-852	-1230	-558	-1008	-457	-1612	-731	-1307	-593
Without all counterweights	-3242	-1471	-7588	-3442	-5751	-2609	-5498	-2494	-4398	-1995	-2863	-1299	-2349	-1066	-3753	-1702	-3050	-1384
With bucket teeth	150	68	-359	-163	-661	-300												

▲NOTE: Tires which are ballasted with CaCl₂ do not include the 1406 lb (638 kg) auxiliary counterweight. When the standard counterweight is installed, either the auxiliary counterweight or tire ballast, but not both, may be used.
 *Tire ballast not recommended with 23.5 x 25 tires.

OPERATING DIMENSIONS

Tire Options	17.5 x 25, L2/L3/X RAT 1* tires	20.5 x 25, L2/L3/X RAT 1* tires	23.5 x 25, L2/L3/X RAT 1* tires
Tread	79.9" (2.03 m)	79.9" (2.03 m)	80.7" (2.05 m)
Width over tires	97.8" (2.48 m)	102.0" (2.59 m)	105.7" (2.69 m)
Increase in vertical dimensions	-2.5" (63 mm)	none	+ 2.64" (67 mm)

ATTACHMENT SELECTION

FACT COUPLER COMPONENTS

- Male Master (Automatic)
- Male Master (Manual)
- Female Blank

BUCKETS

- Extra Light Material
- Light Material
- General Purpose
- Rock Bucket Straight
- Rock Bucket V Edge
- Landfill Bucket
- Side Dump
- 4-in-1® Bucket
- Rock Tine Bucket
- Hot Slag Bucket
- Coal Rehandling Bucket
- High Dump Bucket
- Demolition Bucket
- Ejector Buckets
- "Claw" Bucket
- Scrap Grapple Bucket
- Skeleton Rock Bucket
- Tine (Rock) Bucket

SNOW AND ICE CONTROL

- Manual Reversing Snow Plow
- Power Reversing Snow Plow
- Snow Dozer
- V Plow
- One-way Plow
- Snow Wings
- Snow Blowers
- Snow Baskets
- Runway Plows
- Salt Spreaders
- Snow Bucket

BOOMS

- Standard Lift Boom
- Magnet Boom
- Rail Threader Boom
- Coil Handling Boom
- Stinger Boom
- Boom with Hydraulic Winch

FORKS

- Material Handling Forks
- Pallet Forks
- Wide Forks
- Top Clamp Forks
- Pipe Handling Forks
- Paddle Top Clamp Forks
- Hydraulically Adjustable Forks
- Car Body Forks
- Elevated Lift Mast Fork
- Lumber Fork
- Top Clamp Log Fork
- Top Clamp Lumber Fork
- Cement Block Fork

GRADING-EXCAVATING BLADES

- Straight Dozer Blade
- Manual Angle Blade
- Power Angling Blade
- Modified U Blade
- Coal Blade
- Cleaning Blade
- Landfill Dozer Blade
- Root Blade
- Woodchip Blade

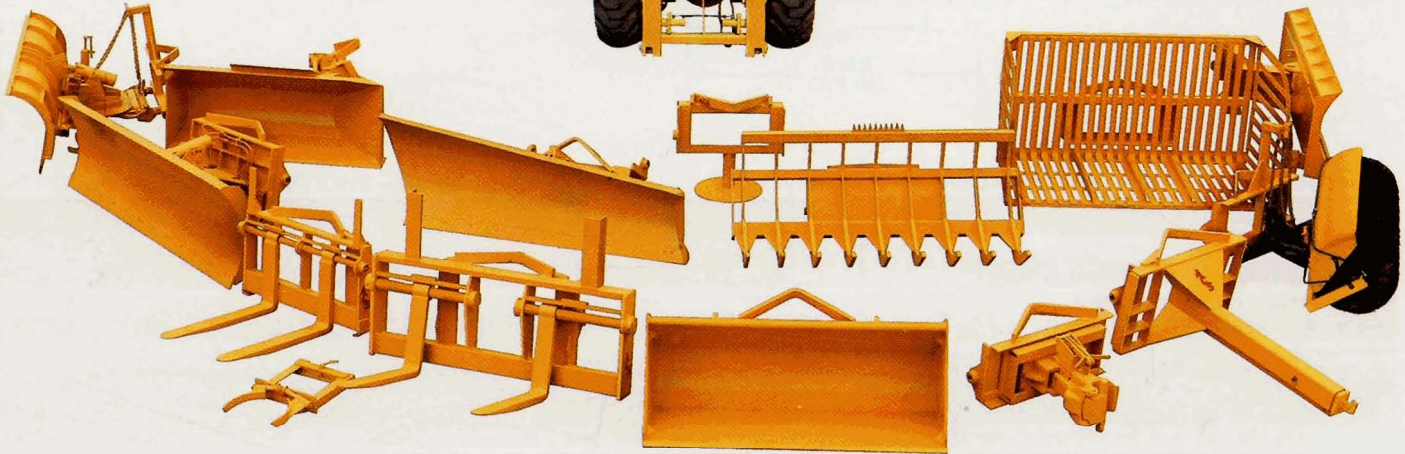
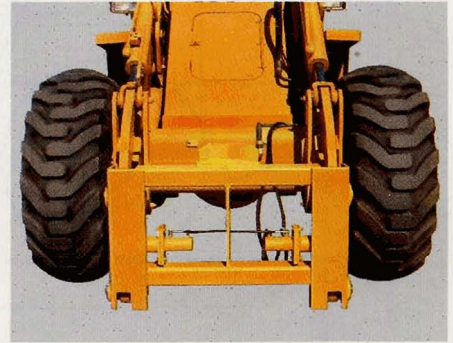
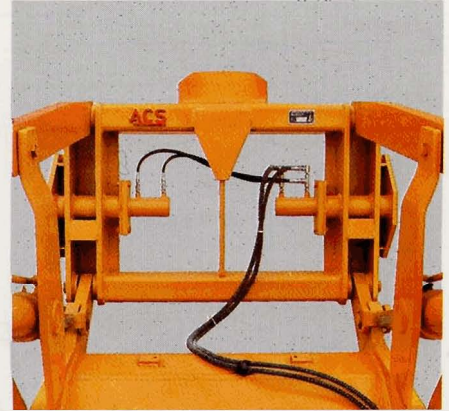
MISCELLANEOUS ATTACHMENTS

- Front-mounted Backhoe
- Rotary Brooms
- Earth Auger
- Tree Shear/Feller Buncher
- Compaction Wheel
- Barrel Handler
- Barrel Rotator
- Asphalt Cutter
- Rock Grapppler
- Tree Spades
- Push Blocks
- Post Hole Diggers
- Post Drivers
- Rotary Drills
- Flail Mowers
- Cane Grapple
- Demolition Grapple
- Loader Rakes
- Stacking Rake
- Bale Handler
- Transplant (Tree) Scoop
- Fixed Railcar Coupler
- Manual Slide Railcar Coupler
- Auto Slide Railcar Coupler

FAST ATTACHMENT COUPLING TEAM (FACT)

FAST ATTACHMENT COUPLING TEAM

J I Case and American Coupler have joined forces to help you get the most return from your Case machinery investment with a quick and easy way to change front-mounted attachments. We call it FACT — our Fast Attachment Coupling Team. Not only can you use any of the over 80 specialized attachments on Case wheel loaders, loader/backhoes or crawler loaders, but you can share these attachments between the units in the FACT families. This means that any attachments you have for the W30 wheel loader can also be used on the 1455B crawler loader. But innovation doesn't stop there. FACT is the only self-aligning, single point pickup system on the market today. It consists of a master frame pinned to the loader linkage and a receiving blank attached to the working tool of your choice. And remember, you have a choice from a team of over 80 attachments. FACT products are available directly from your Case dealer. Become a part of the team. Increase the versatility and dollar return of your equipment. Make it a FACT.



Sold and serviced by:

NOTE: All specifications are stated in accordance with ICED Definitions of SAE Standards or Recommended Practices, where applicable.

IMPORTANT:

J I Case Company reserves the right to change these specifications without notice and without incurring any obligation relating to such changes. Unit illustrated is equipped with non-standard items.

J I Case
A Tenneco Company



700 State Street Racine, WI 53404 U.S.A.

Building On Quality™