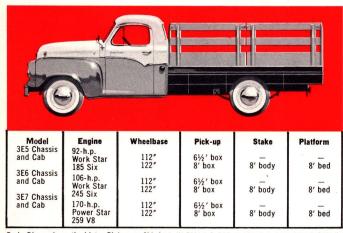




**TRANSTARS** 



#### 3E7 8-foot stake



Body Dimensions (Inside) — Pick-ups: 6½-foot, W-51½", L-78", H-17¼", 8-foot, 51½"x 95¾"x 17¼". Stake: 8-foot, W-78", L-96¼", H-30¾".

# new power . . . new economy . . . husky new truck styling too!

Count the superior features! Three engine choices: 170 h.p. Power Star 259 V8 in 3E7 models; 92-h.p. Work Star 185 Six in the 3E5 or 106-h.p. Work Star 245 Six in the 3E6 models; 3-speed transmission standard; overdrive, 4-speed synchromesh, or automatic (V8 only) transmission optional.\* Exclusive Hill-Holder, power-brakes, Twin-Traction, and Deluxe Cab available as extra equipment.\* Choice of 112 or 122 inch wheelbase.



New 170-h.p. V-8 performance gives you new heavy duty hauling power in the 4800-5000 lbs. GVW range! Available options\* include 178-h.p. 4-barrel carburetion for super response at highway cruising speeds.



Twin Traction\*—another Transtar "first" pulls you through where others bog down, with greatest torque power at the wheel that maintains traction. Aids control on slippery highway, too. Available on 3E5, 3E6, 3E7 only.



Widest clear floor pick-up in trucking! No wheel wells to break up loading area at floor level—full 51½" inside width in all pick-ups 4800-10,000 lbs. GVW models. Provides extra load space! Low floor height for easier loading.

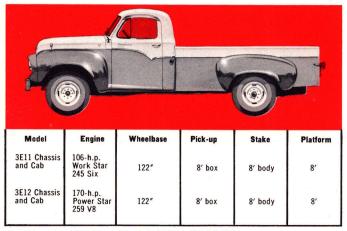


Strongest cargo box, feature for feature! All-steel double wall, double-strength sides; ribbed floor in all pick-up models. New safety tail light swings away under impact to avoid breakage, automatically resets to original position.

\*at moderate extra cost



### 3E12 8-foot pick-up



Body Dimensions (Inside) — Pick-up W-51½ ", L-95¾ ",H-17¼ " Stake: W-78", L-96¼ ", H-30¾ ".

# big truck brawn . . . power . . . payload . . big TRANSTAR value features!

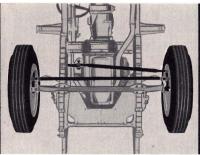
When your profits depend on the dependability of your trucks, week in, week out, through the years—pick a Transtar for the job! 170-h.p. Power Star V8 (4-barrel carburetor available\*) or super economy Work Star 245 Six. Three-speed transmission standard, with optional\* 3-speed overdrive, 4-speed synchromesh and automatic (V8 only) transmission available. Heavy-duty V8 cooling with 6-blade fan and 7-pound radiator pressure cap. All this, plus the handsomest, new all-truck styling in the industry for '57!



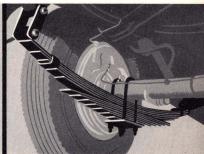
Power Brakes are now offered for all Studebaker models. Heavy duty 6¾" diameter Hydrovac unit\* for 4800 to 10,000 lbs. GVW models permits quicker, safer stops. Brake shoes are self-centering to provide even wear, longer life.



All Transtar frames are custom-designed for individual models. High section modulus of channel-type side rails provides extra strength. Heavy box-section cross members, plus heavy K-member reinforcements for extra rugged construction.

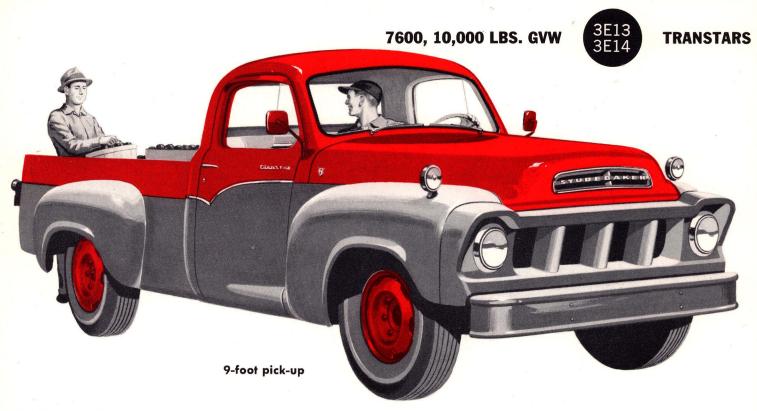


Cross-link variable ratio steering gives you easier handling, on or off the road. Wheel jarring forces cancel out, leaving full control in the driver's hands; variable ratio geometry works with you for easier turning, steadier straight-line driving.

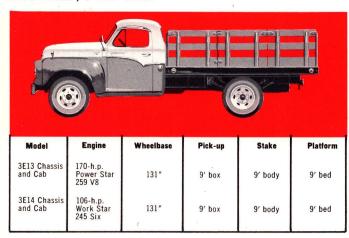


Two stage rear springs are standard on 4800-10,000 lbs. GVW Transtar models for better road control. Main leaves give you easy action when load is light; 2nd stage utilizes all leaves under full load capacity.

## **NEW PERFORMANCE**



#### 3E13 model, 9-foot stake



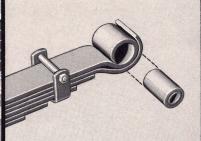
Body Dimensions (Inside) Pick-up 108" x  $51\frac{1}{2}$ " x  $17\frac{1}{4}$ "; Stake  $108\frac{1}{4}$ " x  $88\frac{1}{4}$ " x  $30\frac{3}{4}$ ".

## cost cutting hauler with new payload capacity!

Here's the big payloader of the field! New 10,000 pounds GVW with dual rear tires for heavy duty includes many bonus features as standard equipment: Easy action crosslink variable ratio steering...new 4-speed synchromesh transmission...two-stage rear springs...extra-wide stake and platform bodies. Short stroke 170-h.p. Power Star 259 V8 (available\* with 4-barrel carburetor) or the high torque Work Star 245 Six. Full-floating hypoid rear axle with new choice of ratios. Special equipment offered includes heavy-duty 5-speed transmission and Automatic (V8 only) transmission; auxiliary springs; power steering and brakes.



Power steering now available for Transtar V8 models 7600 lbs. GVW and up, uses hydraulic power to do the hard work in steering—gives you easier handling, with only enough effort to preserve the "feel" you need for full control.



New "Berlin-Eye" Springs front and rear, for 7600 lbs. GVW models and over, use a new eye design to spread stress over entire eye area and into the spring itself. An exclusive Studebaker feature for improved spring action and longer life!



New automatic transmission\* for 3E7, 3E12 and 3E13 series gives you the right power for every situation—automatically, without shifting or clutching! Torque converter plus planetary gears for economical full-range performance.



Widest body in the field. All stakes 9-foot and over give you full 88" width, take a wider dimension payload—up to 20% more than other makes! Gate-type center stake section for easy access plus steel rub rail, stake uprights and pockets.

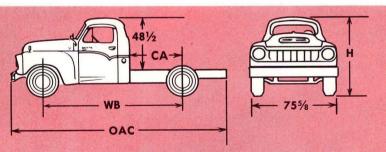
\*at moderate extra cost

**Specifications** 

		3E5	3E6	3E7	3E11	3E12	3E14	3E13	
GENERAL	Max. GVW (lbs.)	4800	5000	5000	7000	7000	7600, 10,000	(dual rear)	
	Wheelbases (in.)		112, 122		i	22	13	31	
	Body Lengths (ft.)		6½, 8			8	(	)	
. V. E0	Front, rating (lbs.)		2200		2200		3500		
AXLES	Rear, rating (lbs.)		3200		5000		7500		
	ratio, standard (to 1)	4.27 4.09 4.09			4.10		5.83 5.14		
		4.55, 4.89	4.27	3.73, 4.27		.88	5.14	4.86	
	ratio, optional (to 1)								
BRAKES	Service, front (in.)	11 x 2			121/8 x 2		12½ x 2		
	rear (in.)	11 x 2			12½ x 2		13 x 2½		
	total lining (sq. in.)	177½			198		2321/8		
	Booster, optional (in.)				6¾				
	Parking, type	Rear wheel shoe					Transmission band		
	total area (sq. in.)	88¾			99		619/16		
LUTCH	Diameter (in.); Area (sq. in.)	91/4; 77.85	101/2; 106.81	10½; 106.81		101/2	106.81		
COOLING SYSTEM	Capacity (qts.) Std-(opt.)	10½ -(13½)	$15\frac{1}{2} - (16)$	20¾ - (21¼)	$15\frac{1}{2} - (16)$	$20\frac{3}{4} - (21\frac{1}{4})$	16-(16½)	20¾ - (21¼)	
	Core thickness (in.)	2-(1½)	1½ - (2¼)	11/2 - (21/4)	1½ -(2¼)	11/2 - (21/4)	21/4 - (3)	21/4 - (3)	
	Core frontal area (sq. in.)	392 – (511)	511-(511)	511-(511)	511-(511)	511-(511)	511-(511)	511-(511)	
ELECTRICAL SYSTE	M _ 12 VOLT								
LEGINIOAL STOTE	Generator, std(opt.)	30 amp — (Early cut-in, 40 amps.)							
	Battery, std.				50 amp. hr.			7.	
ENGINE	Dattery, star	Work Star	Work Star	Power Star	Work Star	Power Star	Work Star	Power Star	
	1	185 Six	245 Six	259 V8	245 Six	259 V8	245 Six	259 V8	
	Max. gross hp @ rpm	92 @ 3800	106 @ 3400	170 @ 4200	106 @ 3400	170 @ 4200	106 @ 3400	170 @ 4200	
	Max. net hp @ rpm	83 @ 3800	94 @ 3200	141 @ 3800	94 @ 3200	141 @ 3800	94 @ 3200	141 @ 3800	
	Max. gross torque @ rpm	152 @ 1800	204 @ 1400	250 @ 2800	204 @ 1400	250 @ 2800	204 @ 1400	250 @ 2800	
	Max. net torque @ rpm	150 @ 1400	196 @ 1400	225 @ 2400	196 @ 1400	225 @ 2400	196 @ 1400	225 @ 2400	
	Oil filter	1 quart	1 quart	1 quart	1 quart	1 quart	1 quart	1 quart	
	Governor	Opt.	Opt.	Opt.	Opt.	Opt.	Opt.	Opt.	
	Displacement (cu. in.)	185.6	245.6	259.2	245.6	259.2	245.6	259.2	
	Bore, stroke (in.)	3; 43/8	35/16; 43/4	39/16; 31/4	35/16; 43/4	39/16; 31/4	35/16; 43/4	39/16; 31/4	
9	Compression ratio (to 1)	7.5	7.5	7.5	7.5	7.5	7.5	7.5	
	Compression ratio (to 1-opt.)	7.0	7.0	7.0	7.0	7.0	7.0	7.0	
	Wet type air cleaner				1 quart				
FRAME	Cross section (in.)	7½32 × 2½7/64 × 9/64			7½16 x 2	29/ <sub>32</sub> x 5/ <sub>32</sub>	8½16 x 2¾ x ¾16		
	Section modulus		3.177			.539	5.719		
SHOCK ABSORBERS	Front		Di	rect double-action (s	td.)		Lever double acting (std.)		
SHOOK ABOUNDEN	Rear			rect double-action (s			Lever double		
SPRINGS	Front, size (in.)			42 x 2					
STRINGS	leaves	9	9	40 x 1¾	1	9	9		
	normal load (lbs.)	950 950 950		950		1200			
	Rear, size (in.)	950 950 950 52 x 1¾			52 x 2		45 x 2½		
	leaves	52 x 1% 11 (2-stage)			13 (2-stage)		8 (2-stage)		
	normal load (lbs.)	1050			1400		2200		
	optional	12 (2-stage) — 1400			14 (2-stage) — 2100		Aux. (9-M, 10-A) 3340		
	Standard	(i4h	tubes) (5) 6.00 x 16		(with tubes) (4) 7.00 x 16—6-ply		(tubeless) (4) 8-17.5-6 PR (SR)		
TIRES	Standard Max.		tubes) (5) 6.50 x 16—		(tubeless) (4) 7.00 x 16—6-piy		(tubeless) (4) 8-17.5-6 PR (SR)		
TD 4 NORTHONION	Std. Synchromesh	(with tt	1003) (3) 0.30 X 10-	4-speed					
TRANSMISSION	Optional, direct			3-speed 4-speed			4-	5-speed	
	overdrive			4-speed 4-speed	· · · · · · · · · · · · · · · · · · ·			5-speed 5-speed	
	automatic	N.A.	N.A.	Yes	N.A.	Yes	N.A.	Yes	

### STUDEBAKER-PACKARD CORPORATION, EXPORT DIVISION, SOUTH BEND, INDIANA, U.S.A.

To continue its program of quality and design improvements, the manufacturer reserves the right to change specifications, design or prices at any time without notice and without incurring obligation. Information contained herein is from data available when final approval for printing was given.



CHASSIS DIMENSIONS							
MODEL	3E5	3E6	3E7	3E11 3E12	3E13 3E14		
WB-Wheelbase (in.)	112		122 122		131		
CA-Cab to Rear Axle (in.)	40			601/4			
H—Total Height ▲	693/4		693/4	7011/16	751/8		
W-Width at Front				75%			
OAC—Chassis Length	179¾			197¾	2095/8		

▲ Top of Cab to Ground/STD. TIRES

BODY DIMENSIONS		PICK UP		STAKES A		
MODEL	3E5 3E6 3E7		3E11 3E12	3E13 3E14	3E5 to 3E12	3E13 3E14
Wheelbase	112	122	122	131	122	131
Body Length - Nominal	61/2'	8′	8′	9′	8′	9′
-Inside	7713/16	9513/16	9513/16	108	961/4	1081/4
Body Width-Inside	78	881/4				
Body Height	89/16			3013/16	3013/16 or 42	

▲ (Platforms Available in Same Nominal Lengths)

Printed in U.S.A.

Form F749E

### TWO WORK STAR SIXES WITH FAMOUS STUDEBAKER ECONOMY

gas-saving, money-making WORK STAR 185 Six



Thriftiest Six in the industry! Work Star 185 Six gives you peak performance, high horse-power-to-engine displacement efficiency for every gallon of fuel. Simplified design for long life, minimum maintenance. Automatic spark control, octane selector; gear type positive timing. Polished valve stems, pressure-lubricated tappets are standard.

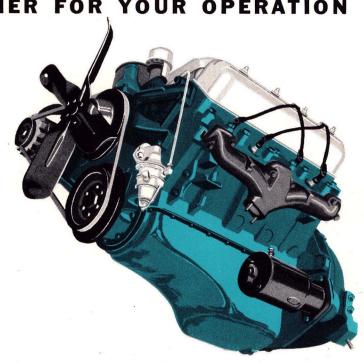
When your jobs call for high torque and peak economy under tough hauling conditions—choose the Work Star 245 that's a favorite with oil companies, building and road contractors, farmers, utility companies, and offroad truckers. Great economy performer, even in multi-stop jobs where its pulling power and high efficiency really excell.

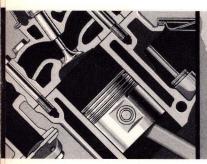


PICK THE BEST PERFORMER FOR YOUR OPERATION

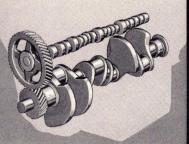
# new POWER STAR 259 V8 packs up to 178 horsepower

New star of the road for high-speed, high-payload power! In the 4800 to 10,000 pounds GVW series of Transtars, the POWER STAR 259 V8 now gives you greater torque (pulling power) to take hills in stride . . . faster getaway with heavy loads . . . and low-cost performance! Low-friction, short stroke design packs more miles into engine life, more profit into every trip! Best of all, it's a Studebaker engine, with all the proved Studebaker Craftsmanship and famous durability known the world over!





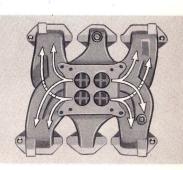
Short stroke V8 design gives you greater performance, longer life on the job. Modern, "oversquare" bore-stroke ratio reduces piston travel, saves fuel because less power is wasted in heat and wear producing friction.



Precision-formed timing gear is standard in all Studebaker Transtar engines, replacing old-fashion chain linkage. Closer tolerances and timing precision provide greater efficiency, assure maximum power charge from each piston stroke.



High heat resisting valves give you full seating, greater durability. One quart wet type air cleaner also gives you added protection at vital points for longer life, lower cost operation. Full quart oil filter is there, too!



Larger carburetor venturis on both 2- and 4-barrel carburetors for Power Star 259 V8 afford free breathing, faster acceleration, greater power response when you need it. Transtar 4-barrel carburetor option costs you far less than most.



Here's luxury that pays off in greater comfort, less driver fatigue, safer hauling every mile! Sound-and-thermo insulated ceiling and new "breathing" seat coverings with vinyl trim are handsome, tough, easily cleaned. You enjoy such "extras" as full-foam rubber seats, dual inside sun visors, foam-padded driver's arm rest, map light and ashtray. Also, appealing door sun and rain visors, parking

lamps and dual side view mirrors in sparkling chrome. Of course, you get the "plus" features built into all Studebaker Transtar cabs: Weather-protected safety door steps, door sun-rain visors, sliding seat adjustment, no-block side window openings, ventilating wing windows, "safety shell" crash pad, rotary door latches, and enclosed dispatch box — more reasons why Transtars are wise buys!



Full-foam seat cushions and backs offer solid comfort in the Deluxe Cab and for fatigue-free riding ease. Seat position changes with fingertip control. Cushion fabric "rolls over" front edge to eliminate irritating seams at the back of your knees!

Chromed door visors and dual side-view mirrors are standard on Deluxe Cab Transtars. Painted visors and left side mirror provided with standard cab. And here's a post-free cab window you can lean through for close-quarter maneuvering!

Brawny Transtar styling looks great from any angle! Chrome nameplate and parking lights are a luxury touch in the Deluxe cab; nameplate is body paint color and parking lights are painted black for standard cab Transtars.

All-weather cab comfort with Studebaker's
Truck Climatizer\* for winter, ram-jet air

All-weather cab comfort with Studebaker's Truck Climatizer\* for winter, ram-jet air cooling at foot level for summer driving. Ventilating intakes, heater and defroster components take no foot, leg room in cab, permit greater driving comfort.

## **NEW STYLING FOR '57**





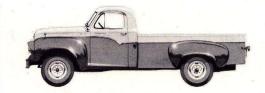










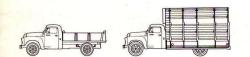


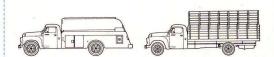
















### STUDEBAKER TRANSTAR TRUCKS

4800-10,000 lbs. G. V. W. Models