

**CASE II**  
AGRICULTURE

**SCRAPER POWER**  
**STEIGER® & MAGNUM™ TRACTORS**





**EVERY SINGLE DAY, YOU DEMAND MORE.  
MORE FROM THE LAND. MORE FROM YOURSELF.  
MORE FROM YOUR EQUIPMENT. WHICH IS WHY WE  
ALSO DEMAND MORE. MORE POWERFUL ENGINES.  
MORE PRODUCTIVITY-BOOSTING FEATURES. MORE  
APPROACHABLE AND KNOWLEDGEABLE CASE IH  
EXPERTS. AND WE DO ALL THIS TO BETTER SERVE  
YOU AND THE NEEDS OF YOUR OPERATION.**

**TODAY'S COMPETITIVE ENVIRONMENT MEANS  
YOUR WORK HAS TO GET DONE ON TIME AND  
UNDER BUDGET. A CASE IH TRACTOR AND PULL-  
TYPE SCRAPER SYSTEM ALLOWS YOU TO DO  
JUST THAT – MAXIMIZE PRODUCTIVITY WITH THE  
FASTEST POSSIBLE CYCLE TIMES AT THE LOWEST  
COST-PER-YARD.**





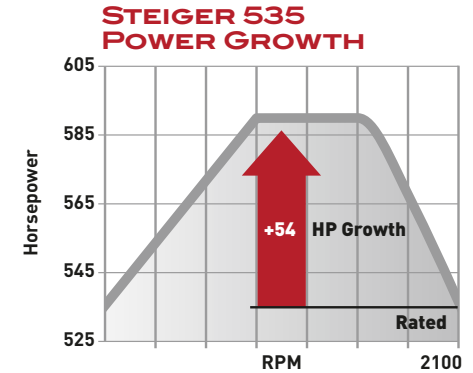
# FOR THOSE WHO DEMAND MORE



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# BUILT TO WORK IN THE DIRT.

CASE IH STEIGER® & MAGNUM™ TRACTORS LOWER YOUR COST-PER-YARD AND RAISE YOUR PRODUCTIVITY.



▲ **Best-in-class power growth** in both Magnum and Steiger engines provides plenty of power reserves in tough conditions

◀ **Engine brake option** on select Steiger tractor models provides added control on downhill slopes.

## WORKING IN NEW FIELDS.

Case IH Steiger and Magnum tractors first built their reputation in agriculture, but they've also established themselves as prime movers on construction jobsites pulling scrapers for land-leveling, site-prep and general earthmoving. Growing numbers of contractors have recognized the advantages of pull-type scrapers – for the lowest possible cost-per-yard in a wide variety of construction and earthmoving applications.

## RELIABLE DAY-IN AND DAY-OUT.

When you're on the job, uptime is the bottom line. Rest assured the power choices available from Case IH won't slow you down or sacrifice your profitability. Rugged frames, powerful engines and a durable drive train are key to their reputation for durability and productivity.





# LEADING THE INDUSTRY

## UNPARALLELED VERSATILITY.

Tractors with pull-behind scrapers allow you the flexibility to not only perform scraper operations, but also packing, ripping and disking – along with a variety of tools and operations to reclaim ground and re-establish the landscape.

**High-flow hydraulic options** such as Parallel Twin Flow provide up to 94 gpm (356 lpm) and up to 9 remotes, with new enhanced feathering capability, to handle the demanding hydraulic requirements of serious earthmoving.

**Auto-shift transmission** helps maintain engine speed through the cut by automatically up-shifting or down-shifting as the load changes. Over steep grades or varying soil conditions, auto-shift ensures peak working speed and fuel efficiency.



▲ **Largest cab in the industry** and ergonomic armrest controls make for a comfortable and productive workday.

► **Scraper horsepower requirements vary** with soil type, working conditions, scraper type and manufacturer's recommendations. Depending on the scraper configuration, 15 drawbar horsepower per cubic yard of capacity is typical for a single pull-type scraper.

SCRAPER SIZE	APPROXIMATE TRACTOR MATCH
8 yard (7.32 m)	Magnum 215
10 yard (9.14 m)	Magnum 215,245
12 yard (11.0 m)	Magnum 245,275
14 yard (12.0 m)	Magnum 275,305,335, Steiger 385
15 yard (13.7 m)	Magnum 305,335, Steiger 385, 435
16 yard (14.6 m)	Steiger 385, 435
17 yard (15.5 m)	Steiger 385, 435, 485
18 yard (16.5 m)	Steiger 435, 485, 535



► **Built-in armrest control switch** provides an ideal interface for various laser guidance or GPS system monitors, allowing automatic adjustment of the scraper to control the grade.



► **Quick-attach heavy-duty scraper drawbar** is designed specifically for scraper demands.



▲ **'A-post' style instrumentation** places important status information in your natural line-of-sight. That's information at-a-glance without disrupting visibility.

# STEIGER® TRACTORS

## STEIGER POWER TACKLES SERIOUS EARTHMOVING.

STEIGER TRACTOR-SCRAPER COMBINATION EFFICIENTLY HANDLES LARGE-SCALE DIRT WORK.

- ▶ Steiger 385, 435, 485, and 535 scraper tractors have heavy scraper axles, heavy-duty drawbars, built-in frame weight and powerful engines with rugged transmissions.
- ▶ Also standard are FOPS/ROPS-certified cab, differential locks, backup alarm, tow cable, new anti-vandalism lockdown package, and beacon lights.
- ▶ All this adds up to efficient hauling cycles to help you move more dirt in a day, boosting your business productivity — and profitability.
- ▶ Four Steiger scraper models allow you to match tractor power to your scraper system, whether carry-all or ejector, single, tandem or triple.



▲ **The scraper tractor** configuration's rugged chassis has the durability needed for heavy loads, and responsive hydraulics for the cycle times you demand.

TRACTOR (HP)	ENGINE	TRANSMISSION	AXLE	HYDRAULICS
<b>Steiger 385</b>	12.9L Case IH	16-speed Full Powershift with Standard Auto-Shift.	4.5 inch bar Axle (wheel models); Flange axle (Quadtrac models). Standard Diff Lock & internal wet brakes, front & rear axles.	Four remotes standard, up to nine optional remotes. 55 gpm standard flow with up to 90 gpm optional (57 standard, 94 optional for Steiger 535 model). Standard laser/GPS interface.
<b>Steiger 435</b>	12.9L Case IH			
<b>Steiger 485</b>	12.9L Case IH			
<b>Steiger 535</b>	15L Cummins			

# QUADTRAC® UNDERCARRIAGE

## MORE FLOTATION. LESS COMPACTION.

LARGER QUADTRAC FOOTPRINT ALLOWS EARLIER START ON THE JOB WITH BETTER FLOTATION THAN COMPETITIVE ‘TWO-TRACK’ DESIGNS.

Case IH engineers first introduced the QUADTRAC design in 1996, and it's led the industry ever since. Like its predecessors, the QUADTRAC tractor continues the tradition of setting new industry benchmarks. What makes the QUADTRAC different from wheeled tractors and two-track designs? For starters, the four independent tracks make a larger footprint for greater flotation. That lets you keep working as jobsite conditions change, and drive through wet spots you wouldn't dare with traditional tires or twin-track systems.



◀ **New ARMORLUG™ SD track** utilizes a severe-duty track technology to improve drive-lug life in typical pull-type scraper applications.



◀ A Quadtrac tractor offers **full-power turns under load**, unlike two-track systems that vary power to each track during turns — no additional power is required to turn. Conventional articulated steering also reduces soil disturbance, letting the Quadtrac tractor turn with minimal ridging or berming.

◀ The **proven track design** of a Case IH QUADTRAC tractor features positive drive, self-adjusting tension, and self-cleaning rubber belts. A redesigned undercarriage features larger idlers and a centrally located drive wheel for less vibration and longer track life.



▲ The QUADTRAC tractor **oscillates up to 26 degrees** to walkover uneven terrain while keeping tractor weight evenly distributed for more traction. Tracks **pivot up to 20 degrees** vertically to ensure soil contact, greater flotation, less compaction, superior traction and an industry-leading ride. And QUADTRAC easily walks over uneven terrain without a “break-over” point typical of competitive two-track systems.



# MAGNUM™ TRACTORS

## MAGNUM POWER EXCELS ON YOUR JOBSITE

INDUSTRY-LEADING POWER GROWTH UP TO 41 HP FOR UNMATCHED PERFORMANCE IN TOUGH PULLS.

With Case IH Magnum tractor power, you can count on increased productivity in your land leveling and commercial scraper operations. With up to 41 horsepower of power growth and 51% torque rise, the power train of a Magnum tractor is designed to efficiently pull scrapers at speeds above 4 mph at engine speeds above 1,700 rpm.

Durable rear bar axle provides the strength you need for your day-to-day operation. With up to five remote valves, the hydraulic system provides the power to operate either a single or dual scrapers. Magnum tractors also provide an optional interface with laser or GPS control systems, making them an ideal power source for agricultural or commercial land leveling.

Depending on your application, the Magnum can be equipped with standard or suspended front axle, a variety of tire choices, and front dual wheels for increased traction and flotation.



TRACTOR (HP)	ENGINE	TRANSMISSION	AXLE	HYDRAULICS
<b>Magnum 215</b>	8.3L Case IH	18-speed Full Powershift with Standard Power Shuttle and Auto-Shift. Optional reduced-RPM 19th gear for enhanced fuel economy.	Bar axle with internal wet disk brakes, and hydraulically activated differential lock.	Three remotes standard, up to five optional remotes. 44 gpm standard flow with up to 75 gpm optional (46 standard, 78 optional for Magnum 335 model).
<b>Magnum 245</b>	8.3L Case IH			
<b>Magnum 275</b>	9L Case IH			
<b>Magnum 305</b>	9L Case IH			
<b>Magnum 335</b>	9L Case IH			



# OUR SYSTEMS APPROACH

## INTEGRATING EQUIPMENT FINANCING AND SERVICE INTO ONE EXCEPTIONAL PACKAGE.

CASE IH DEALERS HELP YOU MATCH THE RIGHT EQUIPMENT TO YOUR OPERATION FOR MAXIMUM PRODUCTIVITY AND OPTIMUM ROI.

Turn to your experienced Case IH specialists when it comes to purchasing the equipment you need for an optimum return on your investment. Highly trained Case IH dealers know how to match the right tractor horsepower and capabilities with the precise tools and implements needed to efficiently complete your variety of jobs.

Your Case IH dealer can provide assistance in selecting the right equipment to meet your operation's productivity and financial goals. The Case IH systems approach helps pair tractors with compatible implements to achieve peak performance from both pieces of equipment. Your dealer will recommend the ideal option package, with proper tires, weighting and ballast, to help your Magnum tractor work most efficiently for your specific requirements. Plus, he or she will consult with you in analyzing results, job by job.

You can also rest assured your Case IH equipment will hold its value through trade-in time. And with the precision laser/GPS systems available today, you will be able to operate more efficiently, getting the job done on time and under budget. Case IH equipment and your dealer's value-added service are the right choices for those who demand more.



## CNH CAPITAL FINANCING SOLUTIONS

For those who demand more from a financial services provider, CNH Capital has the right solutions for you. With more than 50 years experience in the agricultural and construction industry, we understand your unique needs and have developed a wide range of financial products and services to support your business.

CNH Capital offers competitive equipment financing with flexible payments that can

be timed to your cash flow. Operating and finance leases are also attractive options that allow you to reduce up-front payments and conserve capital, while benefiting from the latest in equipment technology. For other business financing needs, choose from a variety of credit card programs designed specifically for contractors.

## PARTS AND SERVICE EXPERTISE

You can always count on your Case IH dealer for the professional service and advice necessary to keep your equipment running, season after season.

In addition to helping you find the right product solutions for your operation, your Case IH dealer offers a vast array of parts, services and equipment protection plans—all backed by expert advice and skilled, factory-trained service professionals who can help you before, during and after the sale. Your Case IH dealer carries the complete line of genuine Case IH parts and components, along with full-service maintenance programs and industry-leading warranties that can help keep your equipment running smoothly.

Now Case IH is helping your dealer raise customer service to an even higher level with **Case IH Max Service<sup>SM</sup>**. This new support service is just a phone call away, ready to assist your dealer in servicing your equipment year-round. Just call 1-877-4CASEIH (1-877-422-7344) and we'll help your dealer meet your request.

### Now you can identify the Case IH parts you need online

- Visit [www.caseih.com/na](http://www.caseih.com/na)
- Click on Search for Parts under Parts & Service
- Enter your model number or product name
- View a parts list and diagram
- Build a list of the parts you need
- Contact your Case IH dealer to order parts



SPECIFICATIONS	MAGNUM 215	MAGNUM 245	MAGNUM 275	MAGNUM 305	MAGNUM 335
<b>ENGINE</b>					
Manufacturer	Case IH	Case IH	Case IH	Case IH	Case IH
Maximum engine horsepower	248 hp	281 hp	308 hp	339 hp	363 hp
Rated engine horsepower	221 hp	248 hp	275 hp	304 hp	330 hp
Rated PTO horsepower	175 hp	200 hp	225 hp	250 hp	275 hp
Rated RPM	2000 rpm	2000 rpm	2000 rpm	2000 rpm	2100 rpm
Cylinders / Valves	6 / 24	6 / 24	6 / 24	6 / 24	6 / 24
Displacement	505 cu in (8.3L)	505 cu in (8.3L)	543 cu in (9L)	543 cu in (9L)	543 cu in (9L)
PTO Torque Rise	52%	53%	51%	46%	47%
<b>TRANSMISSION</b>					
18F/4R Full Powershift	Standard	Standard	Standard	Standard	Standard
19F/4R Economy Gear or 30 mph (50k/h)	Optional	Optional	Optional	Optional	Optional
Autoshift and Power Shuttle	Standard	Standard	Standard	Standard	Standard
<b>AXLES</b>					
Rear axle diameter (standard/optional)	4 in (102mm)	4 in./4.5 in (102/115 mm)	4 in./4.5 in (102/115 mm)	4 in./4.5 in (102/115 mm)	4.5 in (115 mm)
Front MFD axle (standard/optional)	10-bolt / 12-bolt hub	10-bolt / 12-bolt hub	12-bolt hub	12-bolt hub	12-bolt hub
Suspended front axle	Optional	Optional	Optional	Optional	Optional
Front Dual Tires	Optional	Optional	Optional	Optional	Optional
Differential Lock (Rear/Front)	Standard / Optional	Standard / Optional	Standard / Optional	Standard / Optional	Standard / Standard
<b>HYDRAULICS</b>					
Type	Pressure-flow compensating, closed center	Pressure-flow compensating, closed center	Pressure-flow compensating, closed center	Pressure-flow compensating, closed center	Pressure-flow compensating, closed center
Remotes (standard / optional)	3 / 5	3 / 5	3 / 5	3 / 5	3 / 5
Pump flow - standard	44 gpm (166 l/m)	44 gpm (166 l/m)	44 gpm (166 l/m)	44 gpm (166 l/m)	46 gpm (175 l/m)
Pump flow - optional high-flow	59 gpm (223 l/m)	59 gpm (223 l/m)	59 gpm (223 l/m)	59 gpm (223 l/m)	62 gpm (236 l/m)
Pump flow - optional Twin Flow	75 gpm (282 l/m)	75 gpm (282 l/m)	75 gpm (282 l/m)	75 gpm (282 l/m)	78 gpm (298 l/m)
Maximum system pressure	3,200 psi (22 400 kpa)	3,200 psi (22 400 kpa)	3,200 psi (22 400 kpa)	3,200 psi (22 400 kpa)	3,200 psi (22 400 kpa)
Maximum system pressure - Twin Flow	2,900 psi (20 200 kpa)	2,900 psi (20 200 kpa)	2,900 psi (20 200 kpa)	2,900 psi (20 200 kpa)	2,900 psi (20 200 kpa)
<b>CAPACITIES</b>					
Fuel Tank	180 gal. (682 L)	180 gal. (682 L)	180 gal. (682 L)	180 gal. (682 L)	180 gal. (682 L)
Engine Oil with Filter	22 U.S. qt. (21 L)	22 U.S. qt. (21 L)	22 U.S. qt. (21 L)	22 U.S. qt. (21 L)	22 U.S. qt. (21 L)
Cooling System	24 U.S. qt. (22.7 L)	24 U.S. qt. (22.7 L)	26 U.S. qt. (24.6 L)	26 U.S. qt. (24.6 L)	26 U.S. qt. (24.6 L)
Hydraulic Fluid	45.5 gal (172 L)	45.5 gal (172 L)	45.5 gal (172 L)	45.5 gal (172 L)	45.5 gal (172 L)
<b>DIMENSIONS</b>					
Wheelbase	118.3 in (3005 mm)	118.3 in (3005 mm)	118.3 in (3005 mm)	118.3 in (3005 mm)	118.3 in (3005 mm)
Rear axle length	120 in (3050mm)	120 in (3050mm)	120 in (3050mm)	120 in (3050mm)	120 in (3050mm)
Overall Length with hitch and coupler	226 in (5740 mm)	226 in (5740 mm)	226 in (5740 mm)	226 in (5740 mm)	226 in (5740 mm)
Height to Top of Cab with 480/80R46 tires	128.5 in (3265 mm)	128.5 in (3265 mm)	128.5 in (3265 mm)	128.5 in (3265 mm)	128.5 in (3265 mm)
Approximate Shipping Weight*	20,100 lb (9117 kg)	20,100 lb (9117 kg)	20,600 lb (9344 kg)	20,800 lb (9435 kg)	21,300 lb (9661 kg)
Maximum Operating Weight	26,500 lb (12 000 kg)	26,500 lb (12 000 kg)	32,500 lb (14 770 kg)	32,500 lb (14 770 kg)	37,125 lb (16 839 kg)

\* With base tires, no duals & standard front axle.

+ Manufacturer estimate



# SCRAPER TRACTOR SPECIFICATIONS

SPECIFICATIONS	STEIGER 385 WHEEL	STEIGER 435 WHEEL / QUADTRAC	STEIGER 485 WHEEL / QUADTRAC	STEIGER 535 WHEEL / QUADTRAC
<b>ENGINE</b>				
Manufacturer	Case IH	Case IH	Case IH	Cummins QSX15
Maximum engine horsepower	423 hp	478 hp	534 hp	589 hp
Rated engine horsepower	385 hp	435 hp	485 hp	535 hp
Rated RPM	2,000 rpm	2,000 rpm	2,000 rpm	2,100 rpm
Cylinders / Valves	6 / 24	6 / 24	6 / 24	6 / 24
Displacement	787 cu in (12.9L)	787 cu in (12.9L)	787 cu in (12.9L)	915 cu in (15L)
Engine Torque Rise	40%	40%	40%	40%
<b>TRANSMISSION</b>				
16F/2R Full Powershift	Standard	Standard	Standard	Standard
Autoshift and Power Shuttle	Standard	Standard	Standard	Standard
<b>AXLES</b>				
Wheeled - Final Drive	Inboard compound planetary	Inboard compound planetary	Inboard compound planetary	Inboard compound planetary
Wheeled - Bar Diameter	4.5 in (115 mm)	4.5 in (115 mm)	4.5 in (115 mm)	4.5 in (115 mm)
Quadtrac - Final Drive	n/a	Offset 3-planetary	Offset 3-planetary	Offset 3-planetary
Quadtrac - Bar Type	n/a	Flange hub	Flange hub	Flange hub
Differential Lock (Rear/Front)	Optional	Optional	Optional	Optional
<b>HYDRAULICS</b>				
Type	Pressure-flow compensating, closed center	Pressure-flow compensating, closed center	Pressure-flow compensating, closed center	Pressure-flow compensating, closed center
Remotes - standard	4	4	4	4
Pump flow - standard	40 gpm (151 l/m)	40 gpm (151 l/m)	40 gpm (151 l/m)	42 gpm (159 l/m)
Pump flow - optional high-flow	55 gpm (208 l/m)	55 gpm (208 l/m)	55 gpm (208 l/m)	57 gpm (216 l/m)
Pump flow - optional Twin Flow	90 gpm (340 l/m)	90 gpm (340 l/m)	90 gpm (340 l/m)	94 gpm (356 l/m)
Maximum system pressure	2,900 psi (20 200 kpa)	2,900 psi (20 200 kpa)	2,900 psi (20 200 kpa)	2,900 psi (20 200 kpa)
Maximum system pressure - Twin Flow	2,900 psi (20 200 kpa)	2,900 psi (20 200 kpa)	2,900 psi (20 200 kpa)	2,900 psi (20 200 kpa)
<b>CAPACITIES</b>				
Fuel Tank	300 gal. (1138L)	300 gal. (1138L)	300 gal. (1138L)	300 gal. (1138L)
Engine Oil with Filter	8.2 gal (31L)	8.2 gal (31L)	8.2 gal (31L)	13 gal. (49L)
Cooling System	21 gal (80L)	21 gal (80L)	21 gal (80L)	21 gal (80L)
Transmission	13 gal (49L)	13 gal (49L)	13 gal (49L)	13 gal (49L)
Hydraulic System Total - Wheeled/Quadtrac	71/80 gal (269L/303L)	71/80 gal (269L/303L)	71/80 gal (269L/303L)	71/80 gal (269L/303L)
<b>DIMENSIONS</b>				
Wheelbase	12-ft 10-in (3.91m)	12-ft 10-in (391cm)	12-ft 10-in (391cm)	12-ft 10-in (391cm)
Axle length				
Overall Length	24-ft 10-in (7.6m)	24-ft 10-in (7.6m)	24-ft 10-in (7.6m)	24-ft 10-in (7.6m)
Overall width - 20.8R42 dual tires	12-ft 7-in (3.8m)	12-ft 7-in (3.8m)	12-ft 7-in (3.8m)	12-ft 7-in (3.8m)
Overall width - Quadtrac	n/a	9-ft 9-in (3.0m)	9-ft 9-in (3.0m)	9-ft 9-in (3.0m)
Height to Top of Cab with 20.8R42 tires	11-ft 11-in (3.6m)	11-ft 11-in (3.6m)	11-ft 11-in (3.6m)	11-ft 11-in (3.6m)
Approximate Shipping Weight - Wheeled*	41,000 lb (18 600 kg)	41,000 lb (18 600 kg)	43,000 lb (19 500 kg)	46,000 lb (20 900 kg)
Approximate Shipping Weight - Quadtrac	n/a	48,000 lb (21 800 kg)	49,000 lb (22 200 kg)	51,000 lb (23 100 kg)
Maximum Operating Weight - Wheeled	45,600 lb (20 684 kg)	51,600 lb (23 405 kg)	54,000 lb (24 494 kg)	54,000 lb (24 494 kg)
Maximum Operating Weight - Quadtrac	n/a	58,000 lb (26 308 kg)	58,000 lb (26 308 kg)	58,000 lb (26 308 kg)

\*With 710/70 R38 Duals, No Ballast  
+ Manufacturer estimate



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**SAFETY NEVER HURTS!™** Always read the Operator's Manual before operating any equipment. Inspect equipment before using it, and be sure it is operating properly. Follow the product safety signs, and use any safety features provided.

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