

epcatalogs.com

**STX Series
Steiger Tractors
STX 375 and STX 440**

Operators Manual

Prior to P.I.N. JEE0099500

Rac 6-6280





THIS SAFETY ALERT SYMBOL INDICATES IMPORTANT SAFETY MESSAGES IN THIS MANUAL. WHEN YOU SEE THIS SYMBOL, CAREFULLY READ THE MESSAGE THAT FOLLOWS AND BE ALERT TO THE POSSIBILITY OF PERSONAL INJURY OR DEATH.

M171B

If Safety Decals on this machine use the words **Danger, Warning or Caution**, which are defined as follows:

- **DANGER:** Indicates an immediate hazardous situation which if not avoided, will result in death or serious injury. The color associated with Danger is RED.
- **WARNING:** Indicates an potentially hazardous situation which if not avoided, will result in serious injury. The color associated with Warning is ORANGE.
- **CAUTION:** Indicates an potentially hazardous situation which if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices. The color associated with Caution is YELLOW.

If Safety Decals on this machine are ISO two panel Pictorial, decals are defined as follows:

- The first panel indicates the nature of the hazard.
- The second panel indicates the appropriate avoidance of the hazard.
- Background color is YELLOW.
- Prohibition symbols such as  and  and  if used, are RED.

WARNING

IMPROPER OPERATION OF THIS MACHINE CAN CAUSE INJURY OR DEATH. BEFORE USING THIS MACHINE, MAKE CERTAIN THAT EVERY OPERATOR:

- Is instructed in safe and proper use of the machine.
- Reads and understands the Manual(s) pertaining to the machine.
- Reads and understands ALL Safety Decals on the machine.
- Clears the area of other persons.
- Learns and practices safe use of machine controls in a safe, clear area before operating this machine on a job site.

It is your responsibility to observe pertinent laws and regulations and follow Case Corporation instructions on machine operation and maintenance.

GENERAL TABLE OF CONTENTS

1-TO THE OWNER	1
MANUAL STORAGE COMPARTMENT	1
STX SERIES STEIGER TRACTORS	2
PRODUCT IDENTIFICATION AND SERIAL NUMBERS	4
2-SAFETY/DECALS	6
SAFETY	6
SAFETY DECALS	9
STEERING CYLINDER LOCKING BLOCKS	12
MOUNTING AND DISMOUNTING THE TRACTOR	12
ROLL OVER PROTECTIVE STRUCTURE (ROPS)	13
CLEANING CAB WINDOWS	14
RH SERVICE WINDOW	14
INTERIOR REAR VIEW MIRROR	14
SEAT BELT	15
TRACTOR WARNING LAMPS AND SMV SYMBOL	16
IMPLEMENT WARNING LAMPS AND SMV SYMBOL	17
SAFETY CHAIN	17
3-OPERATING CONTROLS	18
TRACTOR ACCESS	18
CAB DOOR CONTROLS	19
OPERATORS SEAT WITH AIR SUSPENSION	20
STEERING COLUMN CONTROLS	22
STEERING COLUMN ADJUSTMENT	23
FOOT PEDALS	24
CENTER CONSOLE CONTROLS	25
RH ARM REST CONTROL CONSOLE	26
REMOTE FUNCTION CONTROL	27
ARM REST CONTROL CONSOLE ADJUSTMENT	30
UPPER CONSOLE CONTROLS	30
AUTOMATIC CLIMATE CONTROL HVAC SYSTEM (IF EQUIPPED)	33
AUTOMATIC CLIMATE CONTROL OPERATION	34
DEFOG CONTROL OPERATION	34
TROUBLESHOOTING THE HVAC CONTROL SYSTEM	34
POWER MIRROR CONTROL (IF EQUIPPED)	35
FRONT SUN SHADE (IF EQUIPPED)	35
REAR SUN SHADE (IF EQUIPPED)	35
RH SIDE SERVICE WINDOW LATCH	36
OUTSIDE EXTENDIBLE MIRRORS (IF EQUIPPED)	36
ELECTRICAL FUSES AND RELAY LOCATION	37
LH CONSOLE	38
MANUAL HYDRAULIC FLOW CONTROLS (IF EQUIPPED)	38
4-INSTRUMENTATION	39
ROPS POST INSTRUMENT CLUSTER	39
TIRE AVERAGE ROLLING RADIUS CHART	43
INSTRUMENT PANEL BACKLIGHT INTENSITY	43
CRITICAL WARNING DISPLAYS	44
NON-CRITICAL WARNING DISPLAYS	44
DIAGNOSTIC WARNING DISPLAYS	46
INFORMATION WARNING DISPLAYS	47
PERFORMANCE MONITOR DISPLAY (IF EQUIPPED)	48
5-OPERATING INSTRUCTIONS	56
BEFORE STARTING THE ENGINE	56

RUN-IN PROCEDURE	56
WHEEL BOLTS AND NUTS	57
ENGINE OVERSPEED	57
SEAT BELT	57
NORMAL ENGINE STARTING PROCEDURE	58
ENGINE STARTING USING ETHER STARTING FLUID	59
STOPPING THE ENGINE	61
COLD TEMPERATURE OPERATION	62
ENGINE COOLANT HEATER (IF EQUIPPED)	63
ETHER START AID (IF EQUIPPED)	63
TRANSMISSION OIL HEAT MAINTAINER (IF EQUIPPED)	64
TOWING THE TRACTOR	64
TRANSPORTING THE TRACTOR	66
PRE-CONDITIONING NEW TRACKS (BELTS)	67
POWERSHIFT TRANSMISSION OPERATION	68
DIFFERENTIAL LOCK (IF EQUIPPED)	72
6-FIELD OPERATION	73
POWER TAKEOFF (IF EQUIPPED)	73
OPERATING THE POWER TAKEOFF (PTO)	75
STANDARD DRAWBAR	77
STANDARD DRAWBAR HAMMERSTRAP PREPARATION	79
HEAVY DUTY DRAWBAR (IF EQUIPPED)	82
THREE POINT HITCH PREPARATION	84
HITCH COUPLER - CATEGORY III OR IV-N	89
REAR REMOTE HITCH SWITCH (IF EQUIPPED)	91
HITCH OPERATION	93
REMOTE HYDRAULICS	100
LOW PRESSURE RETURN CIRCUIT	106
HYDRAULIC POWER BEYOND	107
AUXILIARY AUTO MODE SWITCH (IF EQUIPPED)	107
AUXILIARY IMPLEMENT POWER CONNECTIONS	109
7-IN FIELD PERFORMANCE	112
TRACTOR BALLAST	112
SUITCASE WEIGHT INSTALLATION DIAGRAM	118
WHEEL WEIGHTS	120
TIRE AND RIM SERVICE	121
TIRE PRESSURE FOR MAXIMUM TIRE LOAD AT RATED INFLATION	124
WHEEL BOLT TORQUES	127
WHEEL OFFSET DIRECTION CHANGE	127
TAPERED BUSHING HUB	128
TRACK DRIVE WHEEL-IDLER BOLT TORQUES	129
WHEEL TREAD SETTING - SINGLES (STX 375)	130
WHEEL TREAD SETTING - SINGLES (STX375HD/440)	131
WHEEL TREAD SETTING - DUALS	132
TRIPLE WHEEL TREAD SETTING	133
SCRAPER OPERATING PROCEDURES	134
8-LUBRICATION/FILTERS/FLUIDS/MAINTENANCE	135
LUBRICATION AND MAINTENANCE	135
PLASTIC AND RESIN PARTS	135
LUBRICANTS AND CAPACITIES	135
ENGINE LUBRICATION	136
GRILLE AND HOOD ACCESS	138
ACCESS TO BATTERIES AND HYDRAULIC FILTER	139
LUBRICATION AND MAINTENANCE CHART	140

ENGINE HOURMETER	141
SCA TEST	160
BATTERY SERVICE	161
AIR INDUCTION SYSTEM	162
COOLANT SYSTEM FILTER/CONDITIONER	167
PRESSURE COOLING SYSTEM	180
SCA SERVICE REQUIREMENTS	180
SEAT BELT INSPECTION AND MAINTENANCE	181
INSPECTION OF TRACKS AND UNDERCARRIAGE	182
TRACK ROTATION	182
TRACK (BELT) TENSION RELEASE	183
TRACK (BELT) ALIGNMENT	185
9-ELECTRICAL SYSTEM	187
ELECTRICAL SPECIFICATIONS	187
GENERAL SERVICE INFORMATION	191
GENERAL SPECIFICATIONS	193
10-GENERAL SPECIFICATIONS	193
TRACTOR WEIGHTS	195
APPROXIMATE TRAVEL SPEEDS (MPH)	196
APPROXIMATE TRAVEL SPEEDS (KPH)	197
APPROXIMATE OVERALL MEASUREMENTS	198
STX 375 AND STX 440 WHEEL TRACTORS	198
APPROXIMATE OVERALL MEASUREMENTS	199
STX 375 AND STX 440 QUADTRAC	199
DETAIL INDEX	201

[Buy now](#)

[Case Steiger Tractor STX375 and STX440 PDF Operators manual](#)

[With Instant Download](#)