

Photo Album for Pierce Job 38144
Portland Fire & Rescue, OR
Custom Arrow XT Tiller

Wk 13 Production ending July 12, 2024

- The tiller continues assembly at the 41 plant.













**LOAD
MANAGER**

**LIGHTBAR
FLASHING
DIABLE**

**WARNING
LTS LOW
INTENSITY**

REMOV





WARNING BUZZER
STOP 2 GO
BACKUP

BACKUP ALARM OVERSIDE
BELL
DIFF LOCK
TALKER
LOCKST
TOWLIGHT

4-WAY HAZARD
LOCKED - UNLOCKED
ENG BRA ON/OFF
ENG BRA (L)

CAUTION
DO NOT OPERATE
MACHINE IN 4-WAY

CAUTION
DO NOT OPERATE
MACHINE IN 4-WAY

FLAT

CONVEK

ICE MANU
14



Instrument cluster with the following gauges:

- DEF (DEFENDANT) gauge: 1/2, 3/4
- WATER gauge: 170 F, 230, 250
- RPM gauge: 0, 5, 10, 15, 20, 25 (X100)
- MPH gauge: 0, 5, 15, 20, 25, 35, 45, 55, 65, 75, 85, 100, 120, 140, 150 (KMH)
- VOLTS gauge: 10, 12, 14, 16
- FRONT AIR gauge: 0, 30, 60, 90, 120, 150 PSI
- FUEL gauge: 1/4, 1/2, 3/4, E, F
- OIL gauge: 0, 20, 40, 60, 80, 100 PSI
- REAR AIR gauge: 0, 30, 60, 90, 120, 150 PSI
- TRAINS gauge: 0, 50, 100, 150, 200

Control panel with three buttons:

- START
- IGNITION
- UNLOCK

*** MADE WITH BRIDE W

SPOTTER REQUIRED WHEN BACKING

Key Points:

1. If you cannot see your spotter -IMMEDIATELY STOP- you may need an additional spotter.
2. If in tight or congested areas you may need an additional spotter.
3. Always follow the instructions of

WARNING DRIVER
1. STOP & GO
2. BACKUP



BACKUP ALARM OVERRIDE BELL DIFF LOCK TILERMAN NOT SEATED LOCKOUT CYLINDERS ENGAGED STABILIZER LOCATOR LIGHTS

4-WAY HAZARD LOCKED DOORS-UNLOCKED ENG BRK ON/OFF HI MED LO BRK TRACTION CONTROL DISABLE MIRROR HEAT

CAUTION
DAMAGE TO FRONT WHEEL DRIVE SHAFTS CAN BE CAUSED BY EXCESSIVE BRAKING.

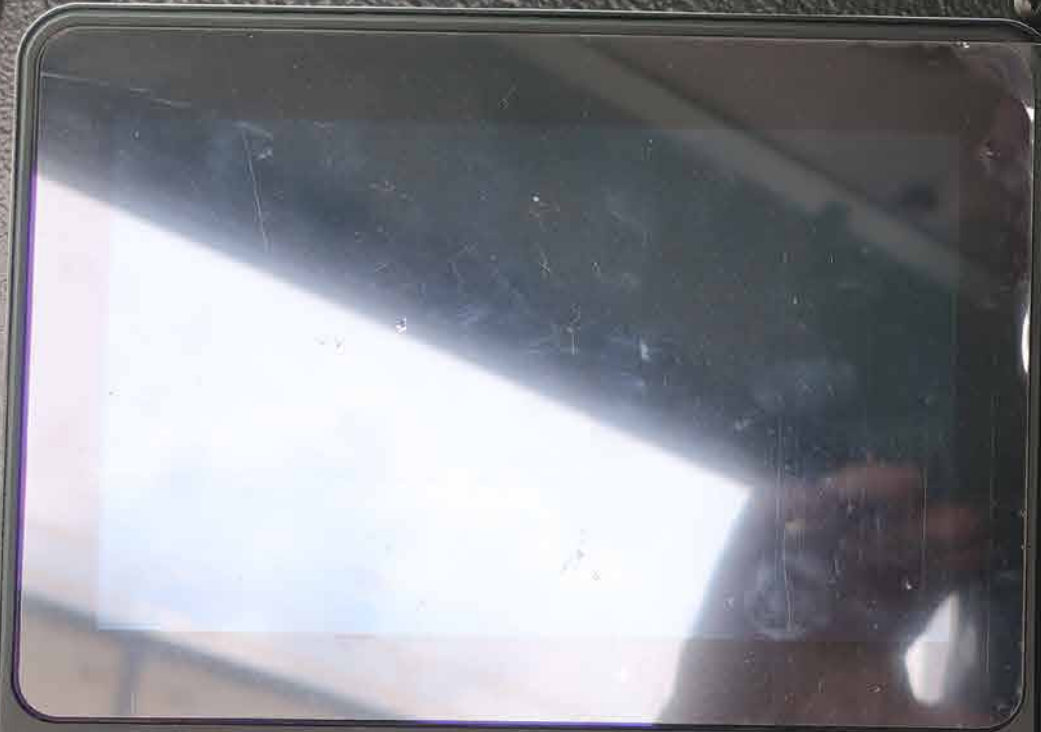
CAUTION
MINIMUM SPEED FOR GENERATOR IS 550 RPM.

WARNING
ALWAYS engage Parking Brake AND Full angle when using Front Wheel Lock.



FLAT
CONVEX





BACKUP
ALARM
OVERRIDE



BELL



DIFF
LOCK



TILLERMAN
NOT
SEATED



LOCKOUT
CYLINDERS
ENGAGED



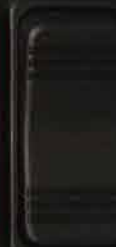
STABILIZER
LOCATOR
LIGHTS



4-WAY
HAZARD



LOCKED
-DOORS-
UNLOCKED



ENG BRK
ON/OFF



ENG
HI
MED
LO



TRACTION
CONTROL
DISABLE



MIRROR
HEAT

CAUTION
DISENGAGE RETARDER
WHEN VEHICLE IS ON WET
OR SLIPPERY SURFACES
#1-0286

CAUTION
MINIMUM SPEED FOR
GENERATOR IS 650 RPM
#134538



WARNING
ALWAYS engage Parking Brake AND
run engine when using Front Wheel Lock.



EMERGENCY MASTER
ROOF LIGHT
FRONT WARNING
SIDE WARNING
LOWER REAR WARNING
UPPER REAR WARNING



AERIAL MASTER
GEN PTO
GROUND LIGHTS
SEVEN HORN
RED BEAM FLASH





**EMERGENCY
MASTER**



**ROOF
LIGHT**



**FRONT
WARNING**



**SIDE
WARNING**



**LOWER
REAR
WARNING**



**UPPER
REAR
WARNING**

AERIAL
MASTER

GEN
PTO

GROUND
LIGHTS

SIREN
BRAKE

HIGH
BEAM
FLASH



**DRIVER
ALLEY
LIGHT**

**DRIVER
SCENE
LIGHTS**

**FRONT
SCENE
LIGHT**

**REAR
SCENE
LIGHTS**

**OFFICER
SCENE
LIGHTS**

**OFFICER
ALLEY
LIGHTS**



POWER

HIGH

OFF

LOW

FUNCTION

LEFT
RIGHT
SPLIT
FLASH

WHELEN[®]
TRAFFIC ADVISOR[™]



DIRECTION INDICATOR













ASBUILT





Pierce

HEAT / DEF

HOT

TEMP ↑

TEMP ↓

COOL

DEF

HE

FAN ↑

FAN ↓

LO

FAN

HEAT

↑

↓

FAN

LO

FAN

A/C

↑

↓

FAN

LO

FAN

GENERATOR OPERATING INSTRUCTIONS

PRE-START: RECOMMENDED ENGINE SPEED FOR PTO ENGAGEMENT IS IDLE.

START: 1. PLACE THE GENERATOR PTO SWITCH IN THE ENGAGED POSITION.

STOP: 1. TURN OFF ALL DEVICES RECEIVING POWER FROM THE GENERATOR.
2. PLACE THE GENERATOR PTO SWITCH IN THE DISENGAGED POSITION.

1017374

WARNING DO NOT REMOVE

SPARE WIRING BEHIND PANEL

OPTION # 0813506

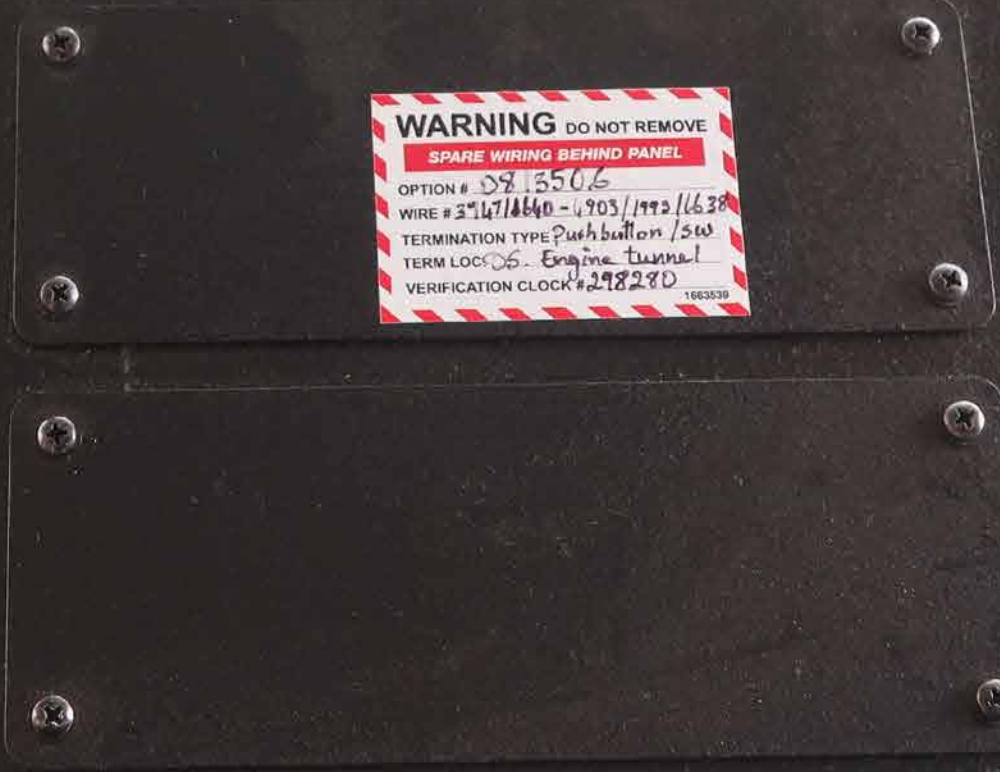
WIRE # 374718640 - 4903/1992/1638

TERMINATION TYPE Push button / SW

TERM LOCK 06 - Engine tunnel

VERIFICATION CLOCK # 298280

1663539



Pierce

HEAT/DEF

DEF



TEMP ↑

TEMP ↓



DEF ↑

DEF ↓



FAN ↑

FAN ↓

HEAT



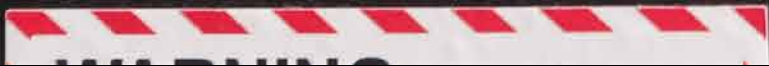
A/C ↑

A/C ↓

A/C



IS IDLE

















WARNING
TESTING
GOING ON
IN AREA









AERIAL INLET



DRAIN
(OPEN)







120VAC, 20AMP,
1Ø, 60HZ



POWER ON

Pierce

EMERGENCY STOP

EMERGENCY HYDRAULIC POWER

LEVEL ASSIST

OVERVERRIDE

PASSENGER SIDE STABILIZER

DRIVER SIDE STABILIZER

P/N 3020243





Pierce



WARNING
ELECTRIC SHOCK
Hazardous voltage may be present.
Do not touch electrical components.
See manual for more information.















DANHARD INC

HIGH

MED

LOW

A/C

AIR SPEED



TILLER A/C OPERA

1. START MAIN ENGINE.
2. ACTIVATE THE GENERATOR
3. ENSURE CIRCUIT BREAKER TO "ON" POSITION.
4. IN THE TILLER CAB, ENSURE THAT ON "COOL" TEMPERATURE "UP/
5. CHANGE THE DANHARD FAN SWITCH EITHER THE UP "HIGH" OR DOWN " RETURN TO CENTER POSITION TO



WARNING
Check heater
instructions, read the manual and
labels before using for an
hour. Use only OSHA approved belts.
Unlabeled equipment may be
unsafe and a safety or health
hazard.

WARNING
Crutch Position
Do not lean against while
standing.
Position hand or neck injury
can occur. Always use handrest
and do not lean against while
using.
Failure to comply may injure or
kill.



LEFT
DRIVING
LIGHT

DRIVER
SCENE
LIGHTS

DUROLUMEN
LIGHT

REAR
SCENE
LIGHTS

A black rectangular control panel with four vertical sliders, each with a green indicator. The sliders are labeled with their respective functions: LEFT DRIVING LIGHT, DRIVER SCENE LIGHTS, DUROLUMEN LIGHT, and REAR SCENE LIGHTS.



WIPER
PUMP
STOP
JACK
RELEASE
AIR
PUSH
AIR
PUMP

A black rectangular control panel with several buttons and sliders, including a red emergency stop button. The panel is labeled with various functions: WIPER PUMP, STOP JACK RELEASE AIR, PUSH AIR PUMP.





LEFT
DRIVING
LIGHT

DRIVER
SCENE
LIGHTS

DUROLUMEN
LIGHT

REAR
SCENE
LIGHTS



▲ WIPER ▲
▲ WIPER ▲
WIPER
WASH

WIPER
WIPER

JACKKNIFE
WARNING

TRAILER
ABS

OFFICER
SCENE
LIGHTS

RIGHT
DRIVING
LIGHT

WIPER/
WASHER WIPER
DELAY JACKKNIFE
WARNING TRAILER
ABS OFFICER
SCENE
LIGHTS RIGHT
DRIVING
LIGHT







WARNING
Do not touch moving parts.
Do not touch electrical parts.
Do not touch hot surfaces.
Do not touch the engine.
Do not touch the exhaust system.

AERIAL INLET



AERIAL DRAIN
OPEN

WARNING
Do not touch moving parts.
Do not touch electrical parts.
Do not touch hot surfaces.
Do not touch the engine.
Do not touch the exhaust system.

WARNING

Anchor Failure Hazard

- Straight pull only
- Do NOT exceed 9,000 lb.
- Do not lift on anchor

Flying parts and whipping rope may injure or kill.



AERIAL INLET



AERIAL DRAIN
OPEN









NOTICE
FRONTAL IMPACT & GS
SIDE ROLL PROTECT





38144

XT





The Novarecel Solution
for LASER Fiber & CO
VAGEL



for F

12
34
56
78
90

Fiber & CO₂ Laser

NOVACEL

The Novacel Solution
for LASER Fiber & CO₂

The Novacel
for LASER

SRS

NOVACEL

The Novacel
for LASER Fiber



Pierce

WALKER

WALKER

WALKER



IMPORTANT MAINTENANCE INSTRUCTIONS
This document contains critical information for the safe and efficient operation of the vehicle. It is the responsibility of the operator to read and understand these instructions before operating the vehicle. Failure to do so may result in injury or property damage. For more information, contact your supervisor or the manufacturer.

38144

 **NOVACEL**
Beyond The Surface



VEHICLE
DATA RECORDER





WHELEN[®]

DUAL

HF

MAN

AIRHORN

MAN

WAIL

OFF

STDBY

YELP

RAD

T3

MONO

FUNCTION

VOL

09-0469931-00





**DRIVER
ALLEY
LIGHT**

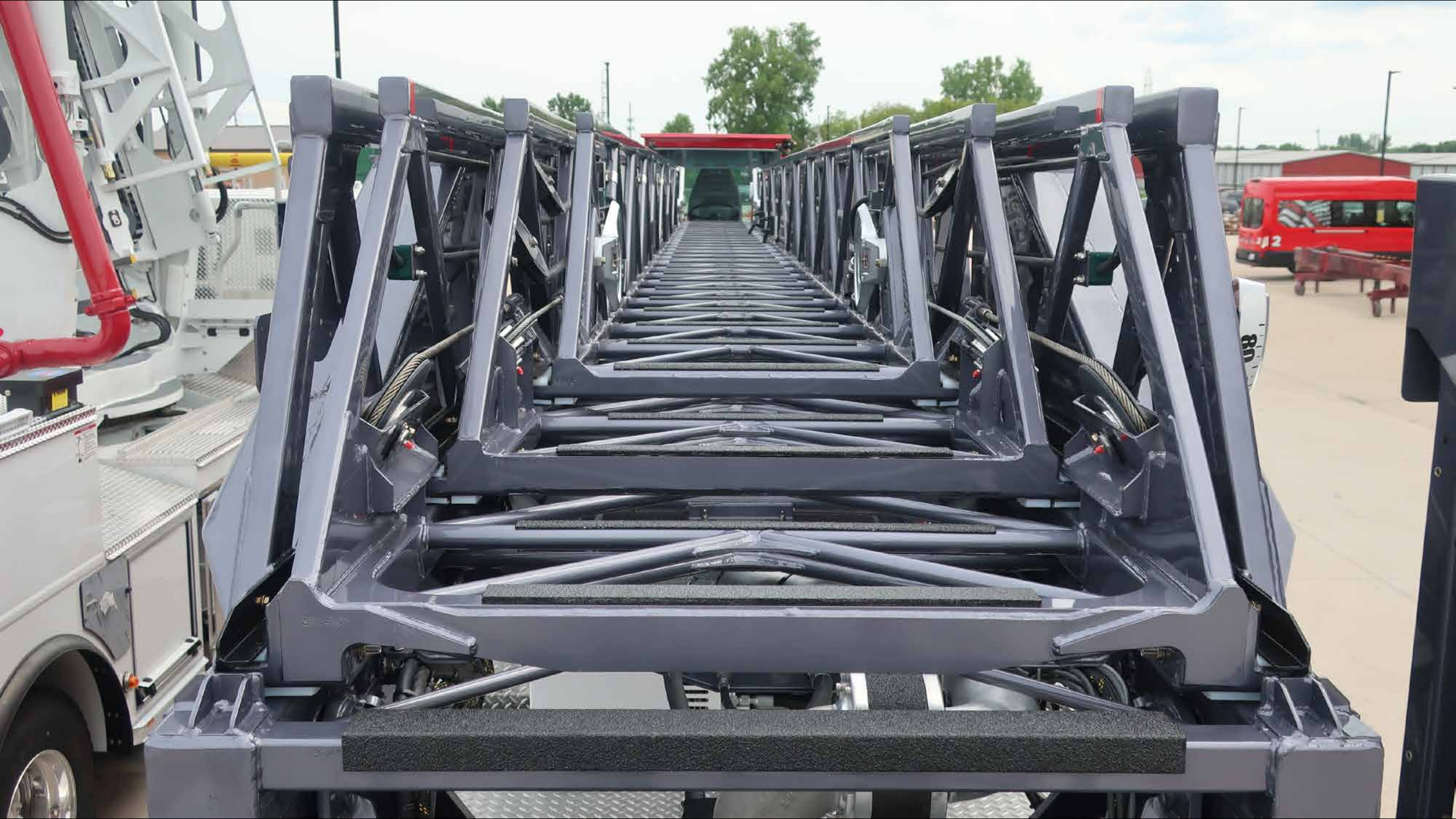
**DRIVER
SCENE
LIGHTS**

**FRONT
SCENE
LIGHT**

**REAR
SCENE
LIGHTS**

**OFFICER
SCENE
LIGHTS**

**OFFICER
ALLEY
LIGHTS**



80 60 40
0-20

EMERGENCY HYDRAULIC POWER



LADDER CONTROL

RETRACT LEFT RAISE



NOZZLE CONTROL

DEPLOY STOW

STREAM FOG

RIGHT LEFT

RAISE LOWER



P/N 4413607-0002

OPERATOR'S MANUAL
Ladder Control Panel
1. Before operating the ladder, ensure that the area is clear of obstacles and personnel.
2. The ladder should be extended and retracted smoothly. Do not force the ladder if it does not move easily.
3. The ladder should be lowered and raised smoothly. Do not force the ladder if it does not move easily.
4. The ladder should be stowed and deployed smoothly. Do not force the ladder if it does not move easily.
5. The ladder should be raised and lowered smoothly. Do not force the ladder if it does not move easily.
6. The ladder should be retracted and extended smoothly. Do not force the ladder if it does not move easily.
7. The ladder should be stowed and deployed smoothly. Do not force the ladder if it does not move easily.
8. The ladder should be raised and lowered smoothly. Do not force the ladder if it does not move easily.
9. The ladder should be retracted and extended smoothly. Do not force the ladder if it does not move easily.
10. The ladder should be stowed and deployed smoothly. Do not force the ladder if it does not move easily.

FRC
VOLUME
PUSH TO TALK
ACT INTERCOM

A white rectangular control panel with a red border. It features a volume control section with a yellow triangle pointing up and a yellow triangle pointing down, with the word "VOLUME" in between. To the right is a red "PUSH TO TALK" button. The top right corner has the "FRC" logo, and the bottom right corner has the "ACT INTERCOM" logo. There are also some small, less legible icons and text on the panel.

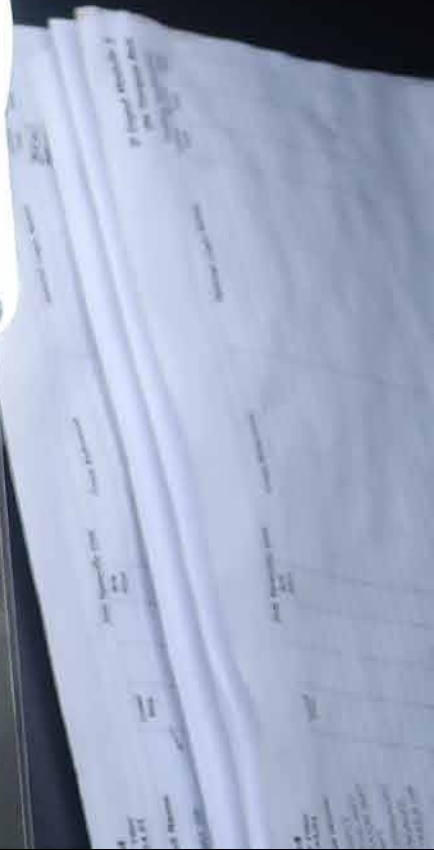
EMERGENCY
HYDRAULIC
POWER



A large, rectangular blue touchscreen display mounted on a black panel. Below the screen is a row of physical buttons: two vertical bars, a central directional pad with four arrows, and two more vertical bars.

AC
LIGHTS

TRACK
LIGHTS



EXTEND **RIGHT** **LOWER**

RETRACT **LEFT** **RAISE**

LADDER CONTROL

DEPLOY **NOZZLE CONTROL**

STOW **STOWED**

RIGHT

STREAM **RAISE**

LEFT

FOG **LOWER**



HUGHES FIRE EQUIPMENT