

SCHÄFFER EFFICIENCY SYSTEMS AND SPECIAL FEATURES

Schäffer

DFD LOADERS
Exclusive U.S. distributor of Schäffer construction equipment

MHF Multi High Flow

The Multi High Flow (MHF) hydraulic system consists of a double gear pump, which can be merged when activated to supply an oil flow of up to 21.4 GPM, allowing for these benefits:

- Increased machine versatility and use of certain attachments
- Allows simultaneous operation of multiple hydraulic functions without noticeable power drop
- Selectable maximum pump output
- Extra pressureless return line

SPT Schäffer Power Transmission

Electronically-controlled autodrive adapts to the torque properties of the Diesel motor, allowing for:

- Lower fuel consumption, resulting in reduced operating costs
- Easier start up on slopes
- Setting of different parameters for drive characteristics
- Safety functions, including overheating and over-rotation protection of the motor
- 'Cruise control' function via an optional potentiometer: Machine maintains constant speed regardless of the motor speed (particularly advantageous when working with mulchers, sweepers, or salt spreaders using pedal control on 9640 T and 9660 T)

eco Mode

Automatic reduction of the motor speed while maintaining the operating speed, resulting in:

- Fuel savings, resulting in reduced operating costs
- Lower noise level
- Environmentally-friendly operation
- Steadfast performance

SDCT Schäffer Dual Clutch Transmission

Dual-clutch gearbox, which combines the benefits of powershift transmission with a purely hydrostatic autodrive. An electronically-controlled drive ensures that the machine operates at a high level of efficiency, with the following benefits:

- Huge level of thrust makes it easy to fill and move a mobile silo
- Extended service life, as most jobs can be carried out in fewer operations with less strain on the clutch and gearbox
- Top speed of 25 mph with exceptional performance in a variety of demanding conditions
- Fuel economy through increased machine efficiency, resulting in reduced operating costs

HTF High Traction Force


With automatic thrust regulation, you can:



- Ensure your loader always delivers maximum thrust, even at high speed
- Eliminate the need to manually shift down a gear when going up an incline
- Enhance driving comfort and accelerate work

Li-Ion Lithium Ion Technology

Schäffer electric models are powered by Lithium Ion Technology, providing the following benefits:

- 100% emission-free operation means no exhaust fumes and close to zero noise
- Significant savings: reduced maintenance costs and lower operating costs compared to Diesel machine or other battery concepts, due to better efficiency
- Energy recuperation: automatic charging of the battery, e. g. during braking processes
- Safe temperature regulation: reliable water cooling of the entire system

	2428	2428 SLT	2430	2430 SLT	2445 S	4670 Z	5470 Z
HTF 	√	-	√	√	√	√	√
SPT 	-	-	√	√	√	√	√
MHF 	-	-	-	-	√	-	-

	2630 T SLT	3650 T	3650 T SLT	4670 T	5680 T	6680 T	8620 T	9640 T	9660 T
HTF 	√	√	√	√	√	√	√	√	√
SPT 	√	√	√	√	√	-	√	•	•
eco Mode 	-	√	√	√	√	-	√	•	•
SDCT 	-	-	-	-	-	-	-	•	•

√ = standard • = optional

SLT:

"SLT" means "Schäffer Lader Tief" (German for "Schäffer low loader"). SLT models are characterized by a lower overall height, allowing the loader to pass through low clearances and giving it a lower center of gravity, which results in higher tipping load capacity and better stability.

T:

Model numbers with a "T" denote that the machine has a telescopic boom.

e:

Model numbers with an "e" denote that the machine is 100% electric, powered by Lithium Ion technology