

Dual Servo Pullers

Heavy Duty Dual Servo Pullers for best-in-class performance with standard features that are optional on other brands.

The Reel Power Series Heavy Duty Pullers control line speed via precision, dual servo drive belt traction assemblies and adjustable compression force setting with digital force display to ensure consistent pulling traction. Multi-V drive pulleys provide excellent product tracking capabilities. The result is superior product consistency for each and every production run.

Dual Servo Motor Drive

Provides extended speed range, high-level speed accuracy and eliminates relative slip between belts.

Multi-V Drive Pulleys and Traction Belts

60 Durometer, natural rubber silica reinforced, red. Multiple belt durometers and materials are available.

Helical Bevel Gear Reducers

Operating efficiency of 90% for reduced energy and heat plus 60% more torque than a typical worm gear reducer.

Dual Pneumatic Belt Tensioning

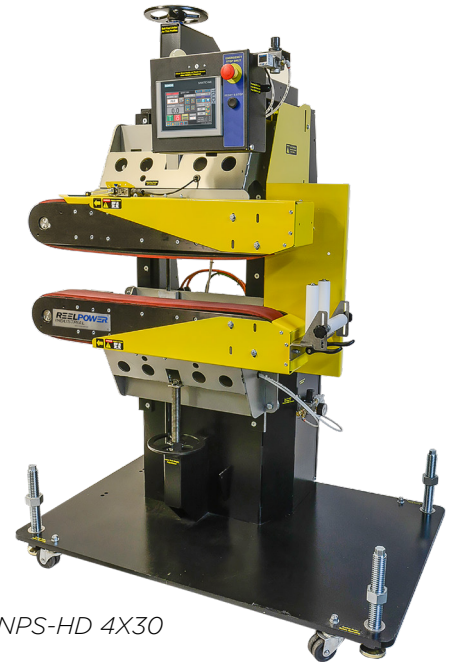
Includes check valve and pressure sensor for quick belt changes.

Multi-Product Use

Full range of compression force and speeds for pipe, profile and tubing.

Plus:

- Pneumatic belt tensioning with pressure gauge
- Walk through style belt guard
- Lowest cost of ownership



NPS-HD 4X30



7" HIGH RESOLUTION COLOR TOUCH SCREEN

Siemens Color Touch Screen PLC Control With Connectivity

- Recipe management for consistent and repeatable setups
- Line rate display
- Totalizing counter
- Programmable puller speed
- Speed input touch control via course and fine buttons as well as numerical display
- Password protection
- Data logging

Dual Servo Pullers

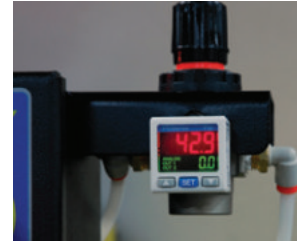
Our Standard Features Redefining Value

Industrial strength Siemens PLC touch screen control, standard. Standard built-in features include:

- Process monitoring
- Digital line rate indication
- Recipe management with clamp force setting



Standard adjustable down stop avoids collapsing thin walled extrudate



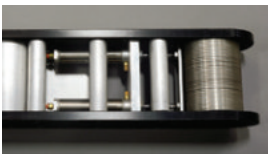
Standard beam pressure adjustment belt clamp regulator with digital readout in PSI or bar

Standard totalizing control
Standard data logging

Ethernet ready

Standard pneumatic clamp for adjustment

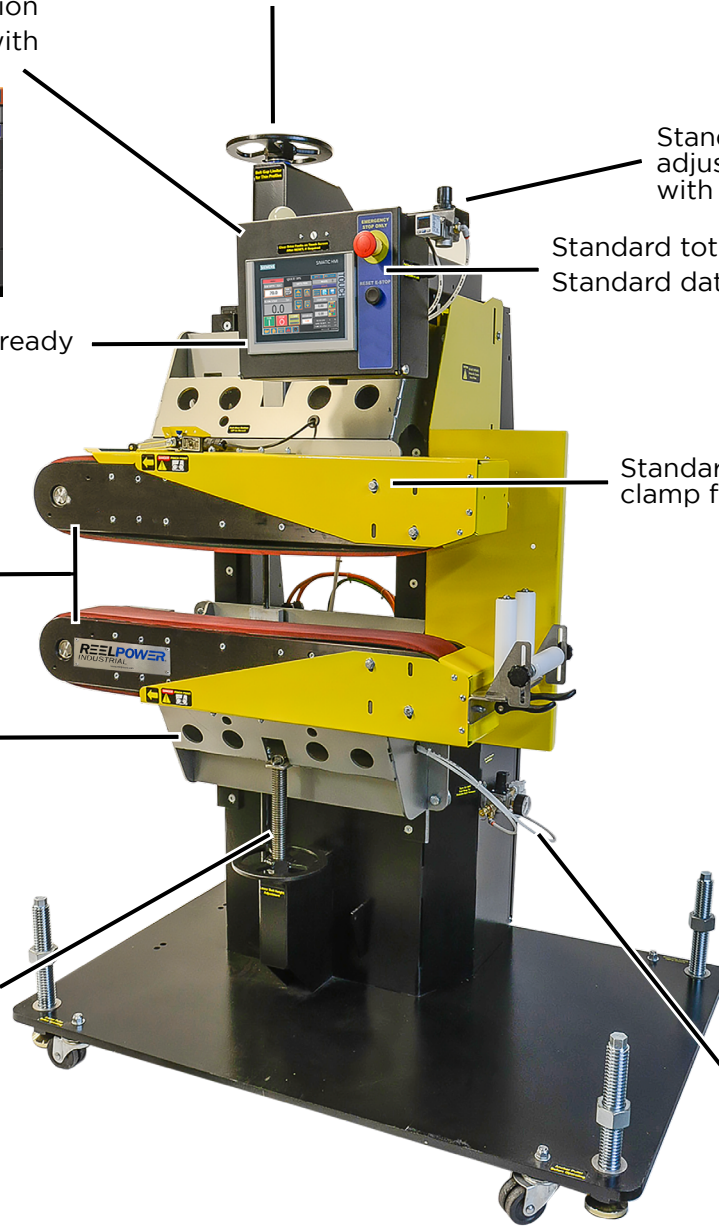
Standard dual servo drive- No more sloppy open loop drives



Dual pneumatic belt tensioning on upper and lower beams



Standard boom height adjustment



Standard belt tension bleed valve and pressure gauge

Dual Servo Pullers

Siemens Color Touch Screen PLC Control Equals Convenience and Reliability

QUICK OPS SCREEN

View real-time performance of puller

Enter speed set point
Touch buttons to RUN or STOP Puller and to CLAMP or UN-CLAMP Traction Belts

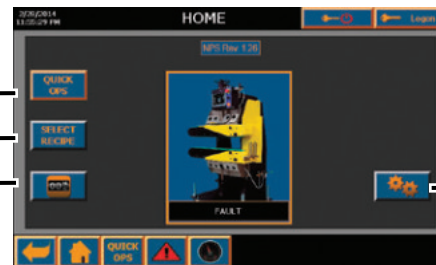


Select/edit recipe

HOME SCREEN

Access to SETUP screens

Access to QUICK-OPS screen
Select existing recipe
SD counter

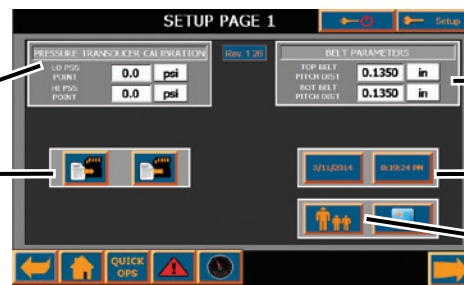


Access to SETUP page 1

SETUP SCREEN

Align Puller Functions with Your System Configurations

Calibration points for air pressures transducer - upper boom
Recipes can be saved To/From SD card



Belt thickness factor, preset at factory

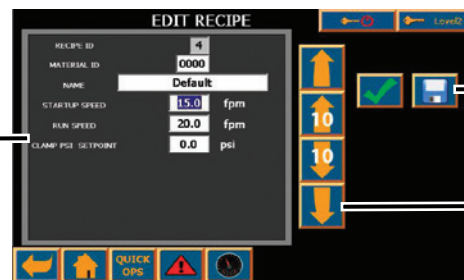
Set time and date

Accesses USERS management screen

RECIPE EDIT SCREEN

Recipes can be entered and edited

Touch each box and enter values on the pop-up alpha-numeric screen:
Recipe ID
Material ID
Recipe Name
Startup Speed
Run Speed
Clamp PSI Setpoint



Save recipe for future use or run immediately

Scroll through to 30 recipes by either 1 or 10 at a time

Dual Servo Pullers

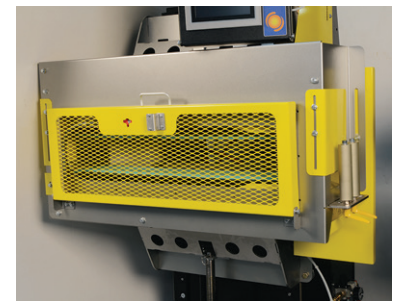
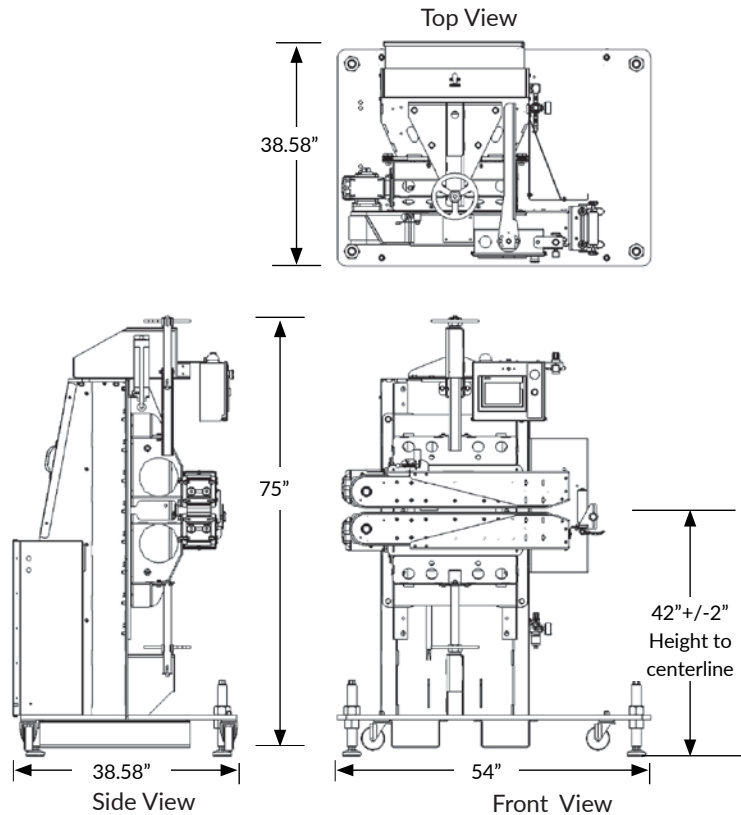
Specifications:

Model Number	NPS-HD- 4X30 NPS-HD- 6X40
Gear Ratio	19.93:1
*Speed Range FPM (ft/min)	1.5-150
Power - Hp	4.3
Approximate Pull Force (lb)	587

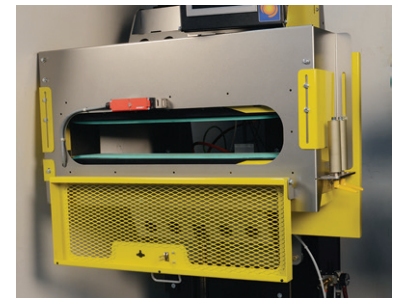
* See options below Standard Voltage:
460V/3ph/60Hz.

Optional Gear Ratios	NPS-HD- GEAR-43	NPS-HD- GEAR-11
Gear Ratio	43.53:1	11.42:1
*Speed Range FPM (ft/min)	0.6-65	2.8-260
Power - Hp	4.3	4.3
Approximate Pull Force (lb)	864	337

Dimensions:



Fully enclosed belt guard show in locked position above and in open position below



Options:

- Alternate belt materials and durometers available
- Remote touch-screen control at extruder
- Left-to-right operation
- Belt gap indicator
- Alternate gear box ratios
- Kit, fully enclosed belt guard

Note: Some additional options are available - contact factory.