



TRACSTAR® 28 SERIES 2

2" IPS - 8" DIPS (63mm - 225mm)



TRACSTAR 250 SERIES 2

63mm - 250mm (2" IPS - 8" DIPS)



TRACSTAR 412 SERIES 2

4" IPS - 12" DIPS (110mm - 340mm)



TRACSTAR 618 SERIES 2

6" IPS - 18" OD (160mm - 450mm)

MODELS	Standard	Combination Unit ¹	Automated	Standard	Combination Unit ¹	Automated	Standard	Automated	Standard	Automated
High Force	AT812101	AT812102	AT812201	AT2512101	AT2512102	AT2512201	AT1223602	AT1223702	AT1830002	AT1830502
Medium Force	N/A	N/A	N/A	N/A	N/A	N/A	AT1223601	AT1223701	AT1830001	AT1830501
Low Force	AT812103	AT812104	AT812203	AT2512103	AT2512104	AT2512203	AT1223603	AT1223703	AT1830003	AT1830503

WEIGHT ³	WEIGHT ³			WEIGHT ³			WEIGHT ³					
Machine	1,919 lbs (870 Kg)	1,976 lbs (896.3 Kg)	1,957 lbs (887.7 Kg)	869 Kg (1,917 lbs)	887.2 Kg (1,956 lbs)	885.9 Kg (1,953 lbs)	2,089 lbs (948 Kg)	2,136 lbs (968.9 Kg)	2,273 lbs (1,031 Kg)	2,313 lbs (1,049 Kg)		
Vehicle Only	1,620 lbs (734.8 Kg)			1,707 lbs (774 Kg)			734.8 Kg (1,620 lbs)			774 Kg (1,707 lbs)		
4-Jaw Carriage	257 lbs (117 Kg)	292 lbs (132 Kg)	208 lbs (94.3 Kg)	116 Kg (255 lbs)	133 Kg (293 lbs)	92.5 Kg (204 lbs)	425 lbs (193 Kg)	385 lbs (174.6 Kg)	595 lbs (270 Kg)	548 lbs (248.6 Kg)		
3-Jaw Carriage	142 lbs (64.4 Kg)	188 lbs (85.3 Kg)	85 lbs (38.6 Kg)	56.2 Kg (124 lbs)	77.1 Kg (170 lbs)	36.7 Kg (81 lbs)	282 lbs (128 Kg)	225 lbs (102.1 Kg)	416 lbs (188.7 Kg)	359 lbs (162.8 Kg)		
Facer	44 lbs (19.9 Kg)			19.9 Kg (44 lbs)			62 lbs (28.1 Kg)			94 lbs (42.6 Kg)		
Heater	21 lbs (9.5 Kg)			9.5 Kg (21 lbs)			24 lbs (10.9 Kg)			6" IPS - 12" DIPS: 28 lbs (13 Kg) 12" DIPS - 18" OD: 34 lbs (15.4 Kg)		
Spreader Bar/Lifting Sling	6.2 lbs (2.8 Kg)			2.8 Kg (6.2 lbs)			6.2 lbs (2.8 Kg)			6.2 lbs (2.8 Kg)		

HYDRAULICS	HYDRAULICS			HYDRAULICS			HYDRAULICS					
Max. System Pressure	2,000 PSI (137.9 BAR)			137.9 BAR (2,000 PSI)			2,000 PSI (137.9 BAR)			2,000 PSI (137.9 BAR)		
Hydraulic Reservoir Cap.	8 Gallons (30.28 Liters)			30.28 Liters (8 Gallons)			8 Gallons (30.28 Liters)			8 Gallons (30.28 Liters)		

ENGINE	ENGINE			ENGINE			ENGINE					
Engine Type	20 HP liquid cooled			20 HP liquid cooled			20 HP liquid cooled			20 HP liquid cooled		
Fuel Type	Diesel			Diesel			Diesel			Diesel		
Fuel Tank Capacity	5 Gallons (18.92 Liters)			18.92 Liters (5 Gallons)			5 Gallons (18.92 Liters)			5 Gallons (18.92 Liters)		
Operational Tank Cap.	8 Hours			8 Hours			8 Hours			8 Hours		
Starting System	Electric			Electric			Electric			Electric		

ELECTRICAL	ELECTRICAL			ELECTRICAL			ELECTRICAL					
Input	None, self-contained			None, self-contained			None, self-contained			None, self-contained		
AC Output	120V & 240V, 60Hz, 15Amp			120V & 240V, 60Hz, 15Amp			120V & 240V, 60Hz, 15 Amp			120V & 240V, 60Hz, 15 Amp		
Heater Output	1,750 Watt			3,000 Watt			3,000 Watt			3,000 Watt		
Facer Output	Hydraulic			Hydraulic			Hydraulic			Hydraulic		

CHASSIS & MOBILITY	CHASSIS & MOBILITY			CHASSIS & MOBILITY			CHASSIS & MOBILITY					
Brake	Self-locking			Self-locking			Self-locking			Self-locking		
Vehicle Speed	1.5 MPH Max.			1.5 MPH Max.			1.5 MPH Max.			1.5 MPH Max.		

DIMENSIONS ⁴	DIMENSIONS ⁴			DIMENSIONS ⁴			DIMENSIONS ⁴					
Length	97" (2,464mm)			2,464mm (97")			97" (2,464mm)			97" (2,464mm)		
Width	53" (1,346mm)			1,346mm (53")			54" (1,369.1mm)			56" (1,422mm)		
Height	53" (1,346mm)			1,346mm (53")			53" (1,346mm)			53" (1,346mm)		

INCLUDES	INCLUDES			INCLUDES			INCLUDES					
	Fusion machine, 8" IPS inserts, facer, heater, insulated heater stand and lifting assembly			Fusion machine, facer, heater, insulated heater stand and lifting assembly			Fusion machine, facer, heater, insulated heater stand, 12" IPS/DIPS inserts and lifting assembly			Fusion machine, facer, 12" DIPS - 18" OD heater, insulated heater stand and lifting assembly		

¹ See **Replacement Parts & Accessories** section for Sidewall heaters and accessories
² Hydraulic Clamping models are available for TracStar 412 and 618 machines. Add **HC** to the end of the part number listed above. Add 40 lbs (18.1 Kg) to machine weight
³ Machine weight includes vehicle, 4-jaw carriage, facer and heater. 4-Jaw Carriage weight includes carriage, facer and heater
⁴ Dimensions include fusion carriage on vehicle. See **Reference** section for more detailed dimensions



TRACSTAR® 500 SERIES 3

6" IPS - 20" OD (160mm - 500mm)



TRACSTAR 630 SERIES 2

225mm - 630mm (8" IPS - 24" OD)



TRACSTAR 900 SERIES 2

12" IPS - 36" OD (340mm - 900mm)



TRACSTAR 1200

16" OD - 48" OD (450mm - 1,200mm)

MODELS	Standard 20"/500mm	Automatic 20"/500mm	Standard	Automatic	Standard	Automatic	Standard
High Force	N/A	N/A	AT2418501	AT2418401	AT9057801	AT9057701	AT4800101
Medium Force	AT5000110/AT5000111	AT5036105/AT5036106	AT2418502	AT2418402	AT9057802	AT9057702	AT4800102
Low Force	N/A	N/A	AT2418503	AT2418403	AT9057803	AT9057703	N/A

WEIGHT ³	WEIGHT ³		WEIGHT ³		WEIGHT ³		WEIGHT ³	
Machine	3,123 lbs (1,417 Kg)	3,183 lbs (1,444 Kg)	4,116 Kg (9,075 lbs)	4,134 Kg (9,115 lbs)	9,960 lbs (4,518 Kg)	10,000 lbs (4,536 Kg)	14,860 lbs (6,740.4 Kg)	
Vehicle Only	2,212 lbs (1,003 Kg)	2,282 lbs (1,035.1 Kg)	2,354 Kg (5,190 lbs)	2,404 Kg (5,300 lbs)	5,190 lbs (2,354 Kg)	5,300 lbs (2,404 Kg)	7,410 lbs (3,331 Kg)	
4-Jaw Carriage	750 lbs (340.2 Kg)	740 lbs (335.7 Kg)	1,762 Kg (3,885 lbs)	1,730 Kg (3,815 lbs)	4,770 lbs (2,164 Kg)	4,700 lbs (2,132 Kg)	7,450 lbs (3,379.3 Kg)	
3-Jaw Carriage	365 lbs (165.6 Kg)	355 lbs (161.1 Kg)	640 Kg (1,412 lbs)	609 Kg (1,342 lbs)	1,745 lbs (792 Kg)	1,675 lbs (760 Kg)	3,680 lbs (1,669 Kg)	
Facer	98 lbs (44.5 Kg)		177 Kg (390 lbs)		480 lbs (218 Kg)		775 lbs (351.5 Kg)	
Heater	63 lbs (28.6 Kg)		109 Kg (240 lbs)		382 lbs (173 Kg)		600 lbs (272.2 Kg)	
Spreader Bar	37 lbs (16.8 Kg)		79 Kg (175 lbs)		175 lbs (79 Kg)		500 lbs (226.8 Kg)	

HYDRAULICS	HYDRAULICS		HYDRAULICS		HYDRAULICS		HYDRAULICS	
Max. System Pressure	2,300 PSI (157.6 BAR)		158 BAR (2,300 PSI)		2,300 PSI (158 BAR)		3,000 PSI (207 BAR)	
Hydraulic Reservoir Cap.	12 Gallons (45.4 Liters)		87 Liters (23 Gallons)		23 Gallons (87 Liters)		23 Gallons (87 Liters)	

ENGINE	ENGINE		ENGINE		ENGINE			
Engine Type	23.5 HP, 1001 cc, 3-cylinder liquid cooled		74HP (55Kw), 2.8L, 4 Cylinder Turbo Charge Air Cooled, EGR, US EPA Tier 4f, EU Stage IIIB, DEF not required		74HP (55Kw), 2.8L, 4 Cylinder Turbo Charge Air Cooled, EGR, US EPA Tier 4f, EU Stage IIIB, DEF not required		74HP (55Kw), 2.8L, 4 Cylinder Turbo Charge Air Cooled, EGR, US EPA Tier 4f, EU Stage IIIB, DEF not required	
Fuel Type	Diesel		Ultra-Low sulfur diesel (15PPM)		Ultra-Low sulfur diesel (15PPM)		Ultra-Low sulfur diesel (15PPM)	
Fuel Tank Capacity	11 Gallons (41.6 Liters)		87 Liters (23 Gallons)		23 Gallons (87 Liters)		23 Gallons (87 Liters)	
Operational Tank Cap.	11 Hours		12 Hours		12 Hours		12 Hours	
Starting System	Electric		Electric		Electric		Electric	

ELECTRICAL	ELECTRICAL		ELECTRICAL		ELECTRICAL		ELECTRICAL	
Input	None, self-contained		None, self-contained		None, self-contained		None, self-contained	
AC Output	N/A		N/A		N/A		N/A	
Heater Output	5,000 Watt		10,950 Watt		20,461 Watt		35,000 Watt	
Facer Output	Hydraulic		Hydraulic		Hydraulic		Hydraulic	

CHASSIS & MOBILITY	CHASSIS & MOBILITY		CHASSIS & MOBILITY		CHASSIS & MOBILITY		CHASSIS & MOBILITY	
Brake	Self-locking		Self-locking		Self-locking		Self-locking	
Vehicle Speed	1.18 MPH Low/2.1 MPH High		1 MPH Low/1.5 MPH High		1 MPH Low/1.5 MPH High		1.1 MPH Low/1.4 MPH High	

DIMENSIONS ⁴	DIMENSIONS ⁴		DIMENSIONS ⁴		DIMENSIONS ⁴		DIMENSIONS ⁴	
Length	95" (2,413mm)		3,810mm (150")		150" (3,810 mm)		162" (4,114 mm)	
Width	68" (1,727mm)		2,489mm (98")		98" (2,489 mm)		145" (3,683 mm)	
Height	51" (1,295mm)		2,007mm (79")		86" (2,185 mm)		100" (2,540 mm)	

INCLUDES	INCLUDES		INCLUDES		INCLUDES	
	Fusion machine, facer, heater and lifting assembly		Fusion machine, facer, heater, 24" OD inserts, remote control with batteries, 120V charger and lifting assembly		Fusion machine, facer, heater, remote control with batteries, 120V charger and lifting assembly	

³ Machine weight includes vehicle, 4-jaw carriage, facer and heater. 4-Jaw Carriage weight includes carriage, facer and heater
⁴ Dimensions include fusion carriage on vehicle. See **Reference** section for more detailed dimensions
⁵ Models are available without Hydraulic Clamping. Add **NHC** to the end of the part number listed above