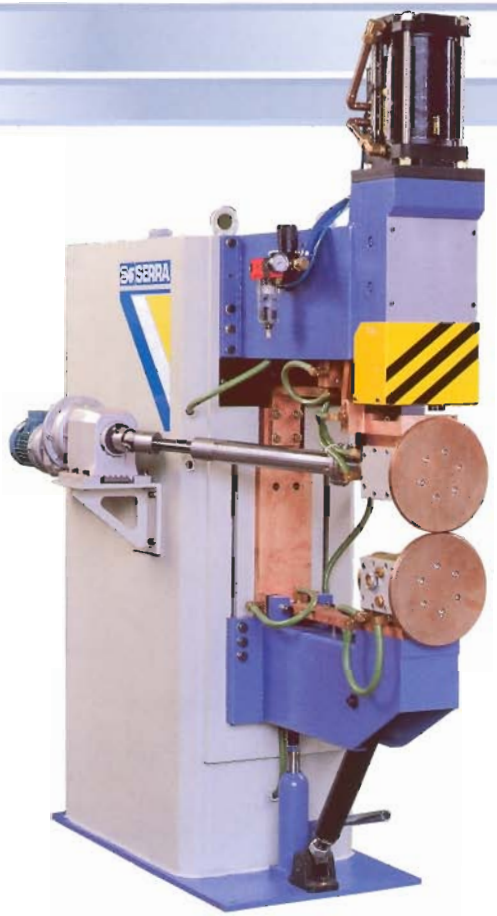
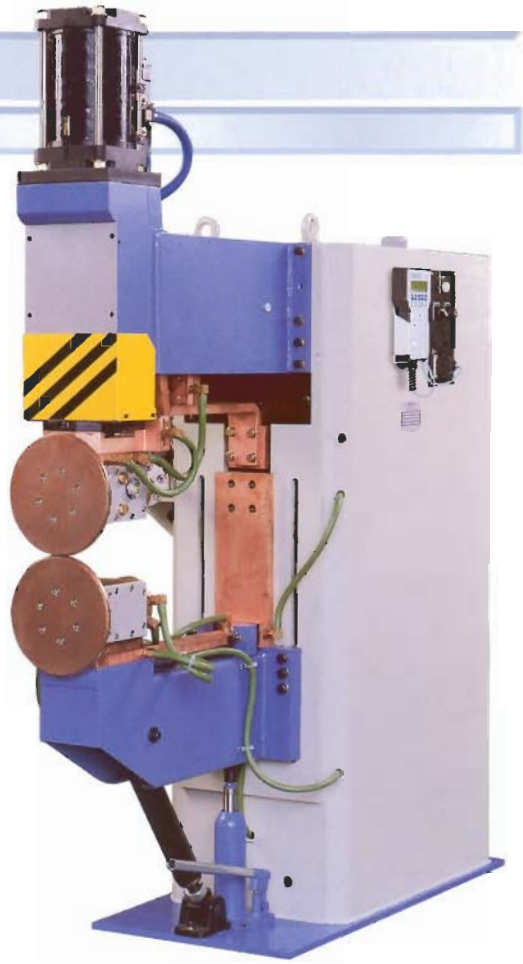
GAMMA Series

SEAM WELDERS



GAMMA 100



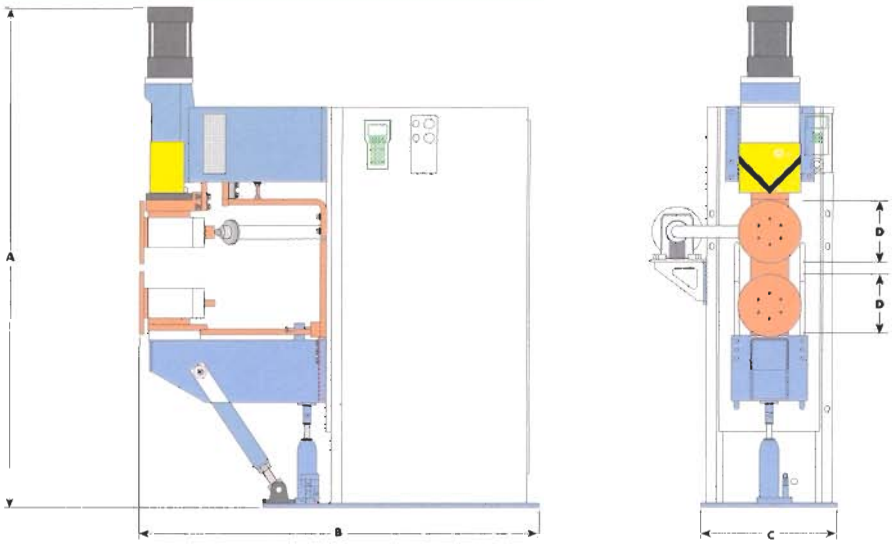
GAMMA 200

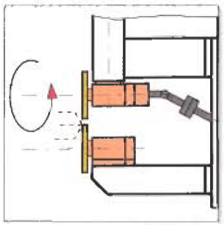
TECHNICAL CHARACTERISTICS

Model		GAMMA 100						
		TRANSVERSAL		LONGITUDINAL			MIXED	
	Code	73.101	73.102	73.103	73.104	73.105	73.106	73.107
Power at 50% DC	kVA	130	130	130	130	130	130	130
DIN Throat depth	mm	600 - 710	750 - 860	1050 - 1160	600	750	600 - 710	750 - 860
Cylinder working stroke	mm	150	150	150	150	150	150	150
Cylinder force at 6 bar	daN	750	750	750	750	750	750	750
Maximum welding power in Short Circuit	kA	24	19,2	16	24	19,2	24	24
Head admissible power at 50% DC	kA	10	10	10	10	10	10	10
Air consumption per 50mm stroke / 6bar	Nl	8	5,3	5,3	8	5,3	8	5,3
Cooling water consumption	l/h	1300	1300	1300	1300	1300	1300	1300
Maximum tangential speed	m/min	3,4	4,5	4,5	4,5	4,5	4,5	4,5
Minimum tangential speed	m/min	0,08	0,8	0,8	0,8	0,8	0,8	0,8
Height (A)	mm	2060	2060	2060	2060	2060	2060	2060
Length (B)	mm	1610	1760	2060	1610	1760	1610	1760
Width (C)	mm	722	722	722	722	722	722	722
Wheel diameter (D)	mm	170	170	170	170	170	170	170
Weight	Kg	1200	1250	1300	1250	1200	1200	1300
Power supply cable max. 15 m. (400V)	mm²	70	50	35	70	50	70	50
Fuses	A	250	250	250	250	250	250	250
Timer Type	SERRATRON	1A	1A	1A	1A	1A	1A	1A
Isolator	-	160	160	160	160	160	160	160
OPTIONALS								
Double drive and differential.	-	●	●	●	●	●	●	●
Wheel trimmer	-	●	●	●	●	●	●	●
Circuit breaker	-	160/R160	160/R160	160/R100	160/R160	160/R160	160/R160	160/R160
Timer SERRATRON 10*plc*	-	●	●	●	●	●	●	●
Flowmeter	-	●	●	●	●	●	●	●
Pressure switch	-	●	●	●	●	●	●	●
Double cylinder stroke	mm	125 + 25	125 + 25	125 + 25	125 + 25	125 + 25	125 + 25	125 + 25

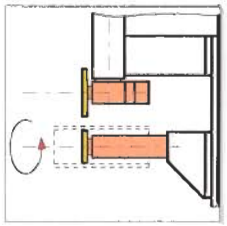
GAMMA Series

SEAM WELDERS

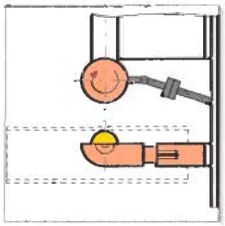




Transversal welding



Transversal welding



Langitudinal welding

OPTIONS

- Internal drive system on both transversal heads by differential. The two seam wheels have the same tangential speed.
- Driven lower head and free upper head.
- Longitudinal lower wheels not driven.

Model	GAMMA 200								
	TRANSVERSAL			LONGITUDINAL			MIXED		
Code	73.108	73.109	73.110	73.113	73.114	73.115	73.117	73.118	73.119
kVA	250	250	250	250	250	250	250	250	250
mm	600 - 710	750 - 860	1050 - 1160	600	750	1050	600 - 710	750 - 860	1050 - 1160
mm	150	150	150	150	150	150	150	150	150
daN	1200	1200	1200	1200	1200	1200	1200	1200	1200
kA	24	30	24	24	24	27	24	24	27
kA	20	20	20	20	20	20	20	20	20
Nl	13,7	13,7	13,7	13,7	13,7	13,7	13,7	13,7	13,7
l/h	1700	1700	1700	1700	1700	1700	1700	1700	1700
m/min	5	6	6	6	6	6	6	6	6
m/min	0,11	1,1	1,1	1,1	1,1	1,1	1,1	1,1	1,1
mm	2060	2060	2060	2060	2060	2060	2060	2060	2060
mm	1610	1760	2060	1610	1760	2060	1610	1760	2060
mm	722	722	722	722	722	722	722	722	722
mm	250	250	250	250	250	250	250	250	250
Kg	1290	1340	1390	1330	1360	1390	1300	1350	1400
mm^2	2 x 70	2 x 70	95	2 x 70	2 x 70	95	2 x 70	2 x 70	95
A	500	500	400	500	500	400	500	500	400
SERRATRON	1A	1A	1A	1A	1A	1A	1A	1A	1A
-	315	315	250	315	315	250	315	315	250
-	●	●	●	●	●	●	●	●	●
-	●	●	●	●	●	●	●	●	●
-	400/R315	400/R315	250/R250	400/R315	400/R315	250/R250	400/R315	400/R315	250/R250
-	●	●	●	●	●	●	●	●	●
-	●	●	●	●	●	●	●	●	●
-	●	●	●	●	●	●	●	●	●
mm	125 + 25	125 + 25	125 + 25	125 + 25	125 + 25	125 + 25	125 + 25	125 + 25	125 + 25