



# SYNERGIES

Synergies table for MIG / MAG welding machines.

## NEOPULSE 300 & 400

### NEOPULSE 300



	Couple	Welding mode	Standard				Pulsed			
			Wire diameter	Ø0,6	Ø0,8	Ø1,0	Ø1,2	Ø0,8	Ø1,0	Ø1,2
			Synergy code	006	008	010	012	508	510	512
STEEL	101	Fe Ar CO <sub>2</sub> 18%	M21	✓	✓	✓		✓	✓	
	103	Fe CO <sub>2</sub> 100%	C1		✓	✓				
ALUMINIUM	201	Al Mg 5 Ar 100%	I1		✓	✓	✓	✓	✓	✓
	203	Al Si 5 Ar 100%	I1		✓	✓	✓	✓	✓	✓
	204	Al Si 12 100%	I1		✓	✓	✓	✓	✓	✓
STAINLESS STEEL	301	Cr Ni 308 Ar 98% CO <sub>2</sub> 2%	M12		✓	✓		✓	✓	
	302	Cr Ni 316 Ar 98% CO <sub>2</sub> 2%	M12		✓	✓		✓	✓	
BRAZING	701	Cu Si 3 Ar 100%	I1		✓	✓		✓	✓	
	702	Cu Al 8 Ar 100%	I1		✓	✓		✓	✓	

# NEOPULSE 400



	Couple	Welding mode		Standard					Pulsed			
		Wire diameter		Ø0,8	Ø1,0	Ø1,2	Ø1,6	Ø2,4	Ø0,8	Ø1,0	Ø1,2	Ø1,6
		Synergy code		008	010	012	016	024	508	510	512	516
STEEL	101	Fe Ar CO <sub>2</sub> 18%	M21	✓	✓	✓	✓		✓	✓	✓	✓
	102	Fe Ar CO <sub>2</sub> 8-10%	M20	✓	✓	✓	✓		✓	✓	✓	✓
	103	Fe Co <sub>2</sub> 100%	C1	✓	✓	✓	✓					
	104	FCW M Ar Co <sub>2</sub> 18%	M21			✓	✓					
	105	FCW R Ar Co <sub>2</sub> 18%	M21			✓	✓					
	106	FCW B Ar Co <sub>2</sub> 18%	M21			✓	✓					
ALUMINIUM	201	Al Mg 5 Ar 100%	I1	✓	✓	✓	✓		✓	✓	✓	✓
	202	Al Mg 3 Ar 100%	I1	✓	✓	✓	✓		✓	✓		✓
	203	Al Si 5 Ar 100%	I1		✓	✓	✓			✓	✓	✓
	204	Al Si 12 100%	I1		✓	✓	✓			✓	✓	✓
	205	Al 100% Ar 100%	I1			✓	✓					
STAINLESS STEEL	301	Cr Ni 308 Ar 98% Co <sub>2</sub> 2%	M12	✓	✓	✓	✓		✓	✓	✓	✓
	302	Cr Ni 316 Ar 98% Co <sub>2</sub> 2%	M12	✓	✓	✓	✓		✓	✓	✓	✓
	303	Cr Ni 307 Ar 97% Co <sub>2</sub> 2% H 1%	M11		✓					✓		
	304	Cr Ni 304 Ar 98% Co <sub>2</sub> 2%	M12		✓					✓		
	305	Cr ni 310 Ar 98% Co <sub>2</sub> 2%	M12		✓					✓		
ASSEMBLY AND CLADDING	501	HARDFACE Metal	O			✓	✓	✓				
	502	HARDFACE Basic	O			✓	✓	✓				
	503	HARDFACE Rutil	O			✓	✓	✓				
	504	HARDFACE COBALT Ar	I1			✓					✓	
	505	HARDFACE Cr Co <sub>2</sub> 2,5%	M12			✓					✓	
	507	FCW 308L ArCo <sub>2</sub> 2,5%	M12			✓					✓	
	506	HARDFACE Tool Co <sub>2</sub> 18%	M21			✓						
	508	FCW ROBO Rutil18%Co <sub>2</sub>	M21			✓						
	509	FCW 308L Rutil18%Co <sub>2</sub>	M21			✓						
	510	FCW NiCr Basic18%Co <sub>2</sub>	M21			✓						
BRAZING	701	Cu Si 3 Ar 100%	I1	✓	✓	✓			✓	✓	✓	
	702	Cu Al 8 Ar 100%	I1	✓	✓	✓			✓	✓	✓	
BRONZE	801	CuSi13	I1			✓						