

**An ISO 9001-2000
Company**

Pre-fabricated Duct Profiles for HVAC Air Distribution Systems



GP SPIRA
DUCT PVT. LTD.

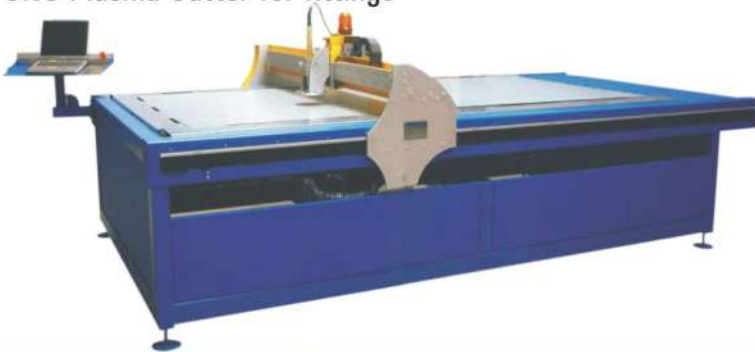
THE MANUFACTURING FACILITY

Auto Folder



Uncoiling, Leveling, Beading, Notching, Folding and Shearing

CNC Plasma Cutter for fittings



Pittsburgh Lock Former



Flanging



C & S / C & Standing S



T D F



Mate / Slip-on

Closing



Whisper-Loc Seam Closer



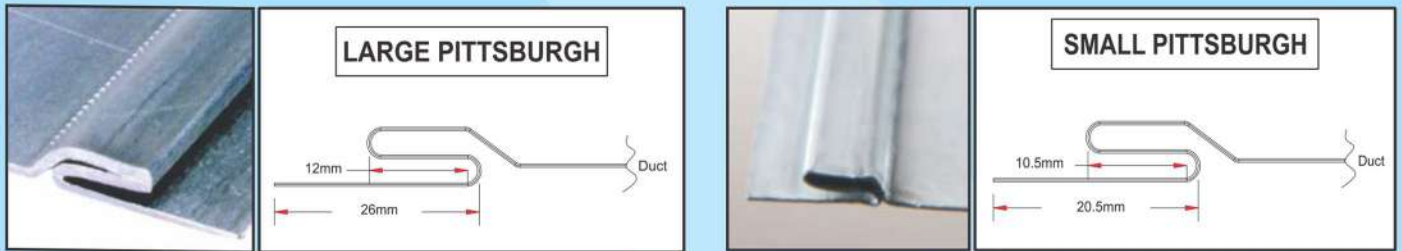
Cornersmatic

Ready to Install



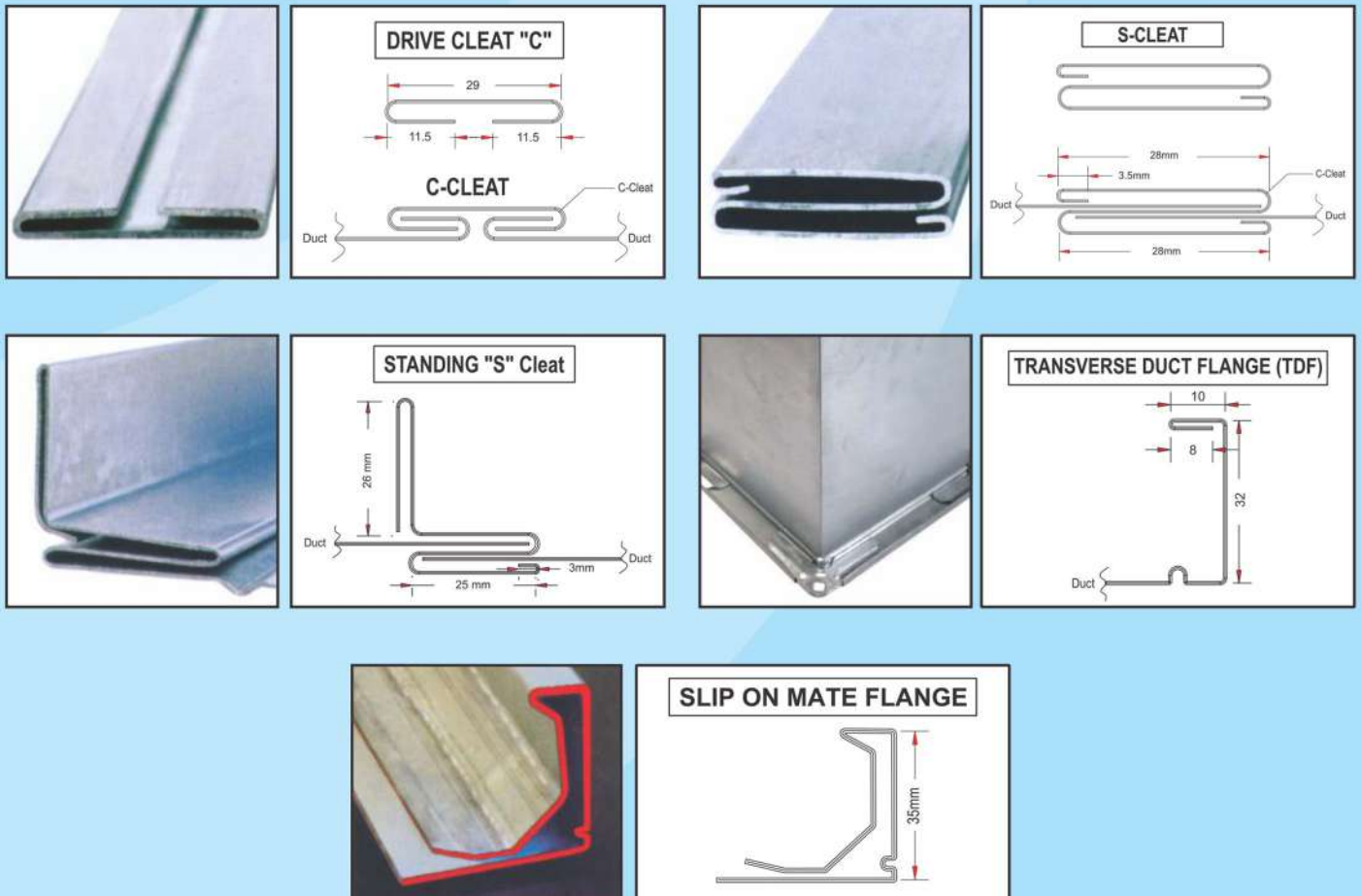
INTEGRATED DUCTING SYSTEM

- A. The **Longitudinal Joints** will be factory formed & sent to site in L shaped sections for easy transportation, site handling & storage & to facilitate easy assembly at site. Boxed up ducts also available on request.



- B. The **Transverse connectors** are C cleats, S cleats, Standing S cleats, TDF Flange (Integral Rolled on Duct Flange), 35mm Mate Flange, Angle iron / GI Flange

- C, S & Standing S cleats will be cut to size & sent loose to drive at site
- TDF corner flange will be fixed on the L shaped contour, The corner Flange along with the requisite amount of C Clamps for flange locking will be sent separately.
- Slip on Mate Flange will have one corner flange fixed to duct & sent in L shape. The corner flanges along with the requisite number for C clamps for mate flange locking will be sent separately.



- C. **Bolts, Nuts, Gaskets, Sealants** are also supplied on request to ensure the system is complete. This arrangement ensures that the duct can be boxed up & erected with simple hand tools.

RECOMMENDED SPECIFICATIONS										
SMACNA - 2005							IS 655 1963 & 2006			
Duct Sizes mm	OPERATION PRESSURE Pa						Low Pressure		Medium Pressure	
	250		500		1000					
	Gauge	Connector Type	Gauge	Connector Type	Gauge	Connector Type	Gauge	Connector Type	Gauge	Connector Type
0-450	26	C&S/TDF	26	TDF	26	TDF	26	C&S	22	TDF
451-750	26	C&S/TDF	26	TDF	24	TDF	24	C & Standing S/TDF	20	TDF
751-900	26	TDF	24	TDF	22	Slip on	22	C & Standing S/TDF	20	TDF
901- 1000	26	TDF	24	TDF	20	Slip on	22	C & Standing S/TDF	20	TDF
1001-1200	24	TDF	22	Slip on	18	Slip on	22	TDF	20	TDF
1201-1300	24	TDF	20	Slip on	18	Slip on	22	TDF	18	TDF/Slip on
1301-1500	24	Slip on	18	Slip on			22	TDF/Slip on	18	TDF/Slip on
1501-1800	22	Slip on	18	Slip on			20	TDF/Slip on	18	TDF/slip on
1801-2100	20	Slip on	18	Slip on			20	TDF/Slip on	18	TDF/slip on
2101-2200	18	Slip on	18	Slip on			20	TDF/Slip on	18	TDF/slip on
2201-2400	18	Slip on	18	Slip on			18	Slip on	18	Slip on
2401-2700	18	Slip on					18	Slip on	18	Slip on

- The specifications given above are based on the Relevant SMACNA & IS Standards. Ducts can also be manufactured based on other standards on request.
- Slip on Flanges indicate Mate / Angle Flanges
- Duct material can be GSS, Al or SS or other metals based on specifications.



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