

Orbital drilling of large panels, component parts for the wings and the

WattPilote provides a significant improvement in reliability and cycle time on all orbital drilling machines.

Optimized drive speed time

The exact position of the panel surface is unknown. Nevertheless, WattPilote detects the moment of contact between the tool and the part. The distance between the safety margin and the panel is traversed at drive speed, which is 2 to 3 times faster than the drilling speed.

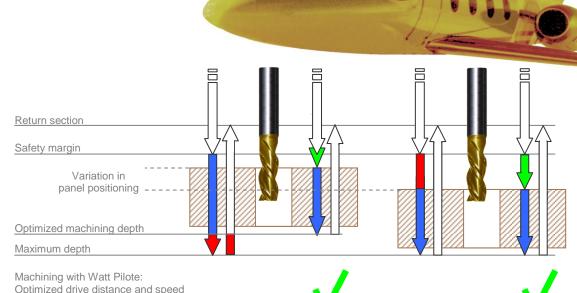
Optimized drilling time

WattPilote detects the moment of complete drilling and stops the machining cycle immediately: the drilling unit returns instantly and the next drilling cycle is started.

Quality control

fuselage.

WattPilote ensures that all drilling operations are executed correctly.



7.07 s

17 %

7.82 s

Machining without WattPilote:

Machining cycle time

Time saved

Loss in cycle time

Gain in time - Guaranteed Quality - Cost savings

25 %

9.43 s

9.43 s