



PLASTIC PROFILE EXTRUSION SYSTEMS

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extrusion
a lider makina company



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DİKKAT
Bu makine yüksek voltajla çalışır.
Güvenlik kurallarına dikkat ediniz.
Kullanma kılavuzunu okuyunuz.

OVER 30
YEARS OF
EXCELLENCE

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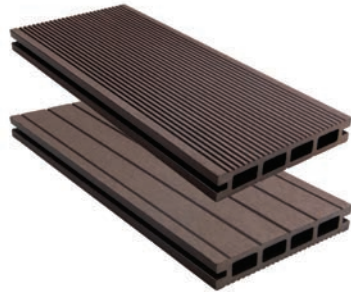


PROFILE EXTRUSION APPLICATIONS

WINDOW AND DOOR
PROFILE



WPC / NFC DECKING
PROFILE



SHUTTER SYSTEM



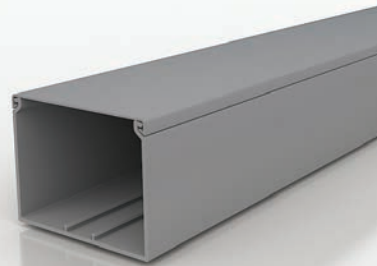
FENCE SYSTEM



RAIN GUTTER



CABLE DUCT



OTHER APPLICATIONS

WALL AND CEILING
PANEL

WINDOW SILL

SIDING SYSTEM

TECHNICAL PROFILE

lima[®] extrusion

SOLUTIONS FOR COST-EFFECTIVE PRODUCTION AND PREMIUM QUALITY PRODUCTS

lima[®] extrusion is the reliable solution partner for planning, designing and manufacturing complete extrusion lines from a single source.

We provide single and twin screw extruders and downstream equipment for a wide range of profile extrusion applications.

HIGH PERFORMANCE AND COST EFFECTIVE SOLUTIONS FOR ALL PROFILE APPLICATIONS

CUTTING UNIT

HAUL-OFF



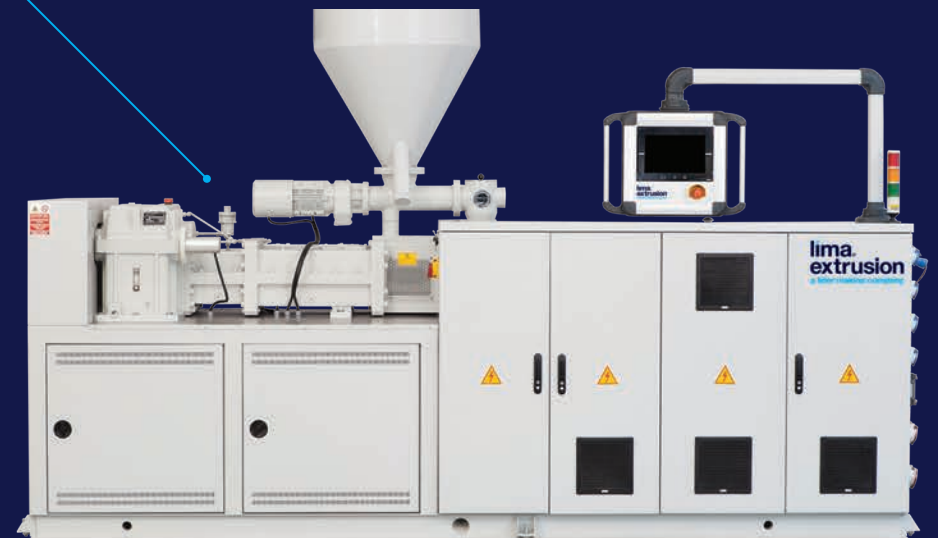
lima[®] extrusion PROFILE EXTRUSION LINE

PARALLEL TWIN SCREW EXTRUDER	6
CONICAL TWIN SCREW EXTRUDER	8
CO-EXTRUDER	10
CALIBRATION TABLE	12
HAUL-OFF AND CUTTING UNIT	14
TIP TABLE	16

CALIBRATION TABLE



TWIN SCREW EXTRUDER



HIGH-TECH PROFILE EXTRUSION





lima[®] extrusion

PARALLEL TWIN SCREW EXTRUDERS

	OUTPUT
P65.24	150-180 kg/h
P78.30	200-250 kg/h
P90.24	230-280 kg/h
P90.28	300-350 kg/h
P90.32	350-450 kg/h
P110.30	450-600 kg/h

* The given outputs depend on PVC, WPC/NFC material formulation, profile geometry and tooling

Our parallel twin screw extruders provide a high performance and cost-effective solution for all your PVC and WPC / NFC profile applications.

FEATURE	ОСОБЕННОСТИ	ÖZELLİKLER
Gearbox, screw and barrel set is made in Italy	Редуктор, набор шнека и цилиндра сделаны в Италии	İtalyan redüktör, vida ve kovan seti
Optimum screw design	Оптимальная конструкция шнека	Optimum vida tasarımı
Maintenance-free screw cooling system	Не требующая дополнительного обслуживания система охлаждения шнека	Bakım gerektirmeyen vida soğutma sistemi
Barrel with air cooling system	Цилиндр с системой воздушного охлаждения	Hava soğutma sistemli kovan
AC motors offering optimum efficiency	Двигатели переменного тока, обеспечивающие оптимальную эффективность	Yüksek verimli AC motorlar
Industrial PC / PLC	Промышленный ПК / ПЛК	Endüstriyel PC / PLC
Industry 4.0	Индустрия 4.0	Endüstri 4.0

HIGH PERFORMANCE WITH GENTLE PLASTIFICATION



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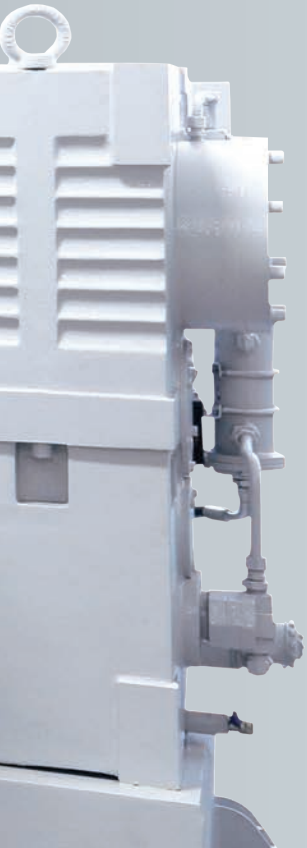
lima® extrusion CONICAL TWIN SCREW EXTRUDERS

	OUTPUT
C55.110	90-120 kg/h
C65.132	150-200 kg/h
C80.156	200-300 kg/h
C92.188	350-500 kg/h

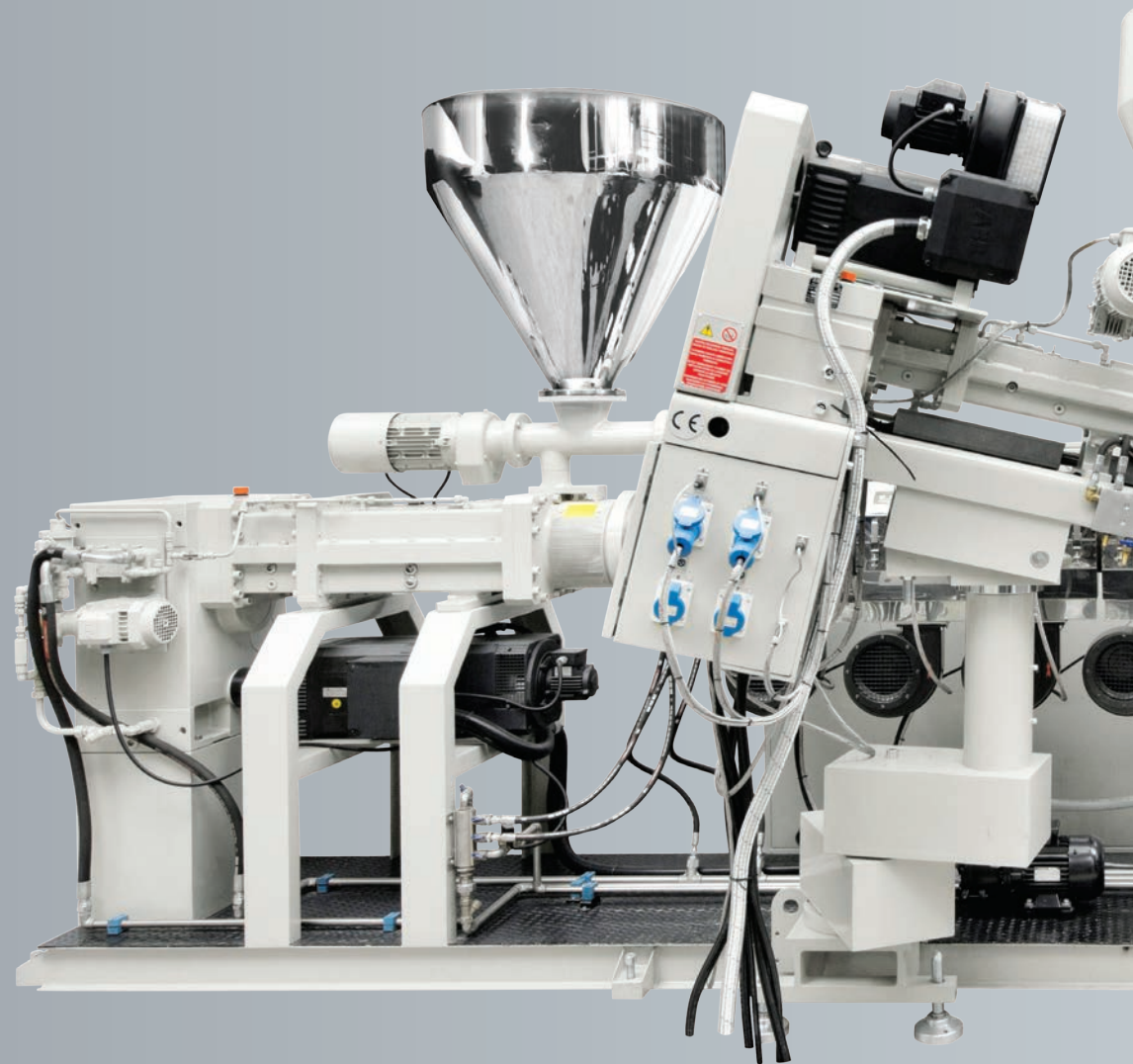
* The given outputs depend on PVC material formulation, profile geometry and tooling

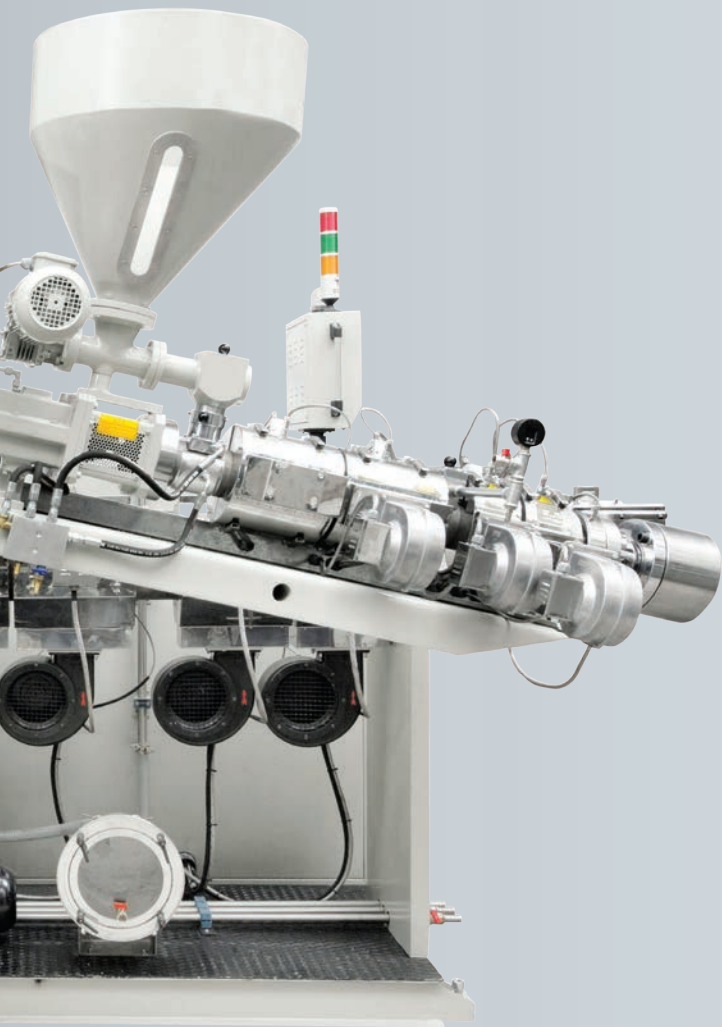
Versatile lima® conical twin screw extruders, depending on the requirements, can be used either as main extruders or co-extruders for a wide range of PVC profile applications.

FEATURES	ОСОБЕННОСТИ	ÖZELLİKLER
Robust and compact design	Прочная и компактная конструкция	Dayanıklı ve kompakt tasarım
Optimum screw design	Оптимальная конструкция шнека	Optimum vida tasarımı
Maintenance-free screw cooling system	Необслуживаемая система охлаждения шнека	Bakım gerektirmeyen vida soğutma sistemi
Barrel with air cooling system	Ствол с воздушной системой охлаждения	Hava soğutma sistemli kovan
AC motors offering optimum efficiency	Двигатели переменного тока с оптимальным КПД	Yüksek verimli AC motorlar
Industrial PC / PLC	Промышленный ПК / ПЛК	Endüstriyel PC / PLC
Industry 4.0	Индустрия 4.0	Endüstri 4.0
Low maintenance cost	Низкая стоимость обслуживания	Düşük bakım maliyeti



COMPACT, VERSATILE AND COST-FRIENDLY





lima[®] extrusion CO-EXTRUDERS

SOFT PVC	OUTPUT	RIGID PVC	OUTPUT
COEX.25	8-12 kg/h	P46.20	40-50 kg/h
COEX.40	25-30 kg/h	P55.20	50-60 kg/h

Depending on the application, either single or twin screw extruders can be used in co-extrusion process.

FEATURES	ОСОБЕННОСТИ	ÖZELLİKLER
Optimum screw design	Оптимальная конструкция шнека	Optimum vida tasarımı
Maintenance-free screw cooling system	Необслуживаемая система охлаждения шнека	Ömürlük vida soğutma sistemi
Barrel with air cooling system	Ствол с воздушной системой охлаждения	Hava soğutma sistemli kovan
Outputs from 8 to 60 kg/h	Производительность от 8 до 60 кг/ч	Kapasite aralığı 8 ile 60 kg/s
Low maintenance cost	Низкая стоимость обслуживания	Düşük bakım maliyeti

Co-extruders can be positioned as piggyback as well as mounted on a column next to the main extruder. They can also be designed as a stand-alone version.

ENERGY SAVING UP TO 80% WITH **LESS***

* Lima Energy Saving System



lima® extrusion CALIBRATION TABLE



FEATURES

Energy saving up to 80% with LESS as option

Universal molds can be clamped

Motor driven height, horizontal and longitudinal movement

All parts that are in contact with water is made of stainless steel

Low noise level

Low maintenance cost

ОСОБЕННОСТИ

Опционально, до 80% энергосберегающая система LESS

В соответствии с универсальными нормами фильер

Высота, горизонтальное и продольное движение при помощи электродвигателя

Все детали, контактирующие с водой, изготовлены из нержавеющей стали

Низкий уровень шума

Низкая стоимость технического обслуживания

ÖZELLİKLER

Opsiyonel LESS teknolojisi ile %80'e varan enerji tasarrufu

Üniversal kalıp normlarına uygun

Motor tahrikli dikey, yatay ve boylamasına hareket

Su teması olan aksamlar paslanmaz çelikten imal edilmektedir

Düşük gürültü düzeyi

Düşük bakım maliyeti

We offer a wide range of calibration tables, providing an optimal and tailor-made solution for every need and application.



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LIDER



lima[®] extrusion HAUL-OFF AND CUTTING UNITS

	CONTACT LENGTH	CONTACT WIDTH	HAUL-OFF SPEED	HAUL-OFF FORCE
PC1400	1.400 mm	220 mm	1 - 8.5 m/min	16.022 N
PC1600	1.600 mm	500 mm	0.7 - 5 m/min	34.954 N
PC2000	2.000 mm	220 mm	1 - 8.5 m/min	32.041 N

A wide range of haul-off units allows us to provide you the ideal solution for your needs.

FEATURES	ОСОБЕННОСТИ	ÖZELLİKLER
Caterpillar or belt type haul-off	Тянущие гусеничного или ленточного типа	Caterpillar veya kayış tipi çekici
Flexibility in pad dimensions	Разнообразное изменение размеров уплотнителей	Palet boyutlarında esneklik
Optionally equipped either with a saw or a hot blade cutter	Опционально, резка с пилой или с гильотиной	Testere veya giyotin kesici opsiyonu
Speed adjustment by inverter	Регулировка скорости инвертором	İnvertör ile hız ayarı
Low maintenance cost	Низкая стоимость обслуживания	Düşük bakım maliyeti

Depending on the application, we have both caterpillar and belt haul-off versions on our profile extrusion downstream.

lima[®] extrusion TIP TABLE

FEATURES

Tilting or roller type tip table

Stainless steel table

Low maintenance cost

ОСОБЕННОСТИ

Пневматическая система опрокидывание или роллерного типа

Стол из нержавеющей стали

Низкая стоимость технического обслуживания

ÖZELLİKLER

Pnömatik veya makaralı devirme sistemi

Paslanmaz çelik masa

Düşük bakım maliyeti





lima[®] extrusion **TECHNICAL SUPPORT**

We provide you with fast and reliable assistance whether on site or remote online services.

Our experts can analyze the malfunctions with remote access technology and fix them instantly.

AFTER SALES SERVICE

We support you throughout your machine's lifecycle with a strong focus on your specific needs.

In order to satisfy your wishes, we provide you a wide range of services including commissioning, inspection, maintenance and repair.

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