

HYUNDAI POWER TOOLS 20V Cordless Range

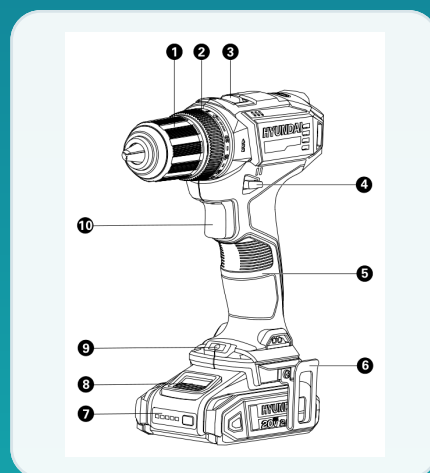
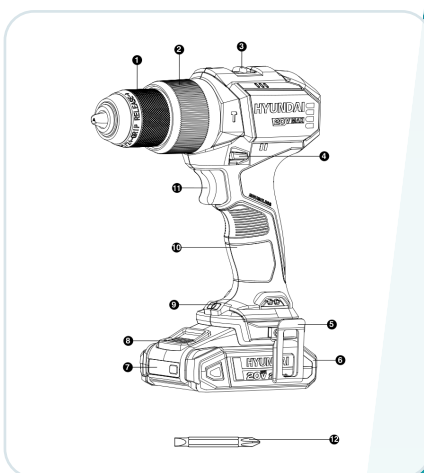
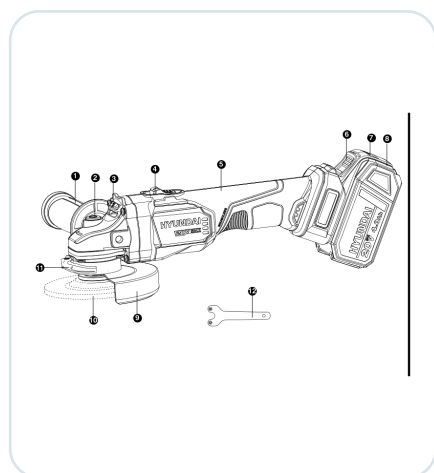
Product & Technical Guide - concise specifications, kit configurations, battery platform information and essential operating notes compiled from the supplied manufacturer manuals.

Authorized dealer for Hyundai Power Tools in the Republic of Kazakhstan.

Cordless Angle Grinder: AG20X-115 / AG20X-125 / AG20X-125FT

Cordless Hammer Drill: HD20X-60 / HD20X-60TT / HD20X-60T2T

Cordless Driver Drill: DD20S-40 / DD20S-40TT / DD20S-40T2T



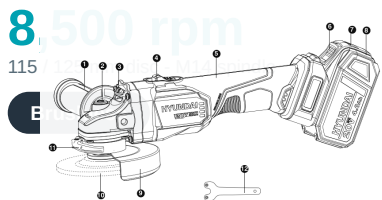
RANGE OVERVIEW

One 20V Max platform, three core tool families

The supplied manuals cover an 18V nominal / 20V Max cordless platform with compatible 2.0Ah and 4.0Ah battery packs and 2A / 4A chargers. The product families below share this platform, subject to model and kit configuration.

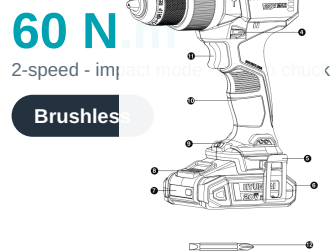
Cordless Angle Grinder

AG20X-115
AG20X-125
AG20X-125FT



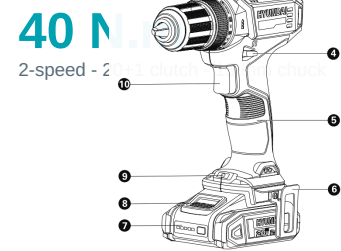
Cordless Hammer Drill

HD20X-60
HD20X-60TT
HD20X-60T2



Cordless Driver Drill

DD20S-40
DD20S-40TT
DD20S-40T2



20V MAX

18V nominal cordless platform across the three supplied product manuals.

BI20-2 / BI20-4

2.0Ah and 4.0Ah compatible battery packs

C20-2 / C20-4

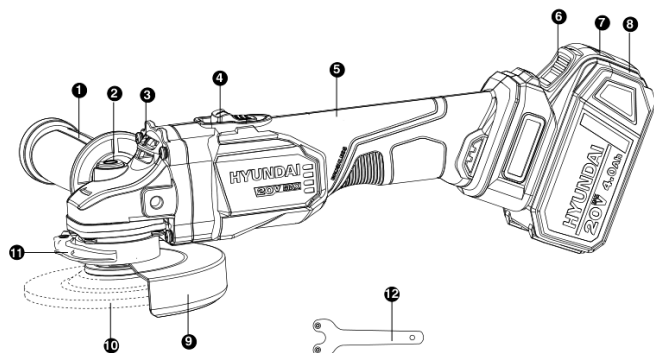
2.0A and 4.0A compatible chargers

Model suffixes represent different kit configurations. Included batteries, chargers and accessories should be confirmed against the specific SKU and current sales package.

Source: supplied Hyundai manuals - technical data and accessories sections.

CORDLESS ANGLE GRINDER

AG20X-115 / AG20X-125 / AG20X-125FT



Brushless motor

20V Max platform

Quick-change guard

The manual describes the machine for cutting and roughing metal and stone materials without water. For metal cutting, the specified cutting protection guard/accessory must be used.

Key technical data

VOLTAGE

18V

20V Max.

NO-LOAD SPEED

8,500

/min

SPINDLE

M14

thread size

DISC SIZE

115 / 125

mm by model

Model details

Model	Disc	Battery / charger	Weight
AG20X-115	115 mm	Not listed in standard delivery	1.4 kg without battery
AG20X-125	125 mm	Not listed in standard delivery	1.4 kg without battery
AG20X-125FT	125 mm	BI20-4 4.0Ah + C20-2 2.0A	2.1 kg with battery

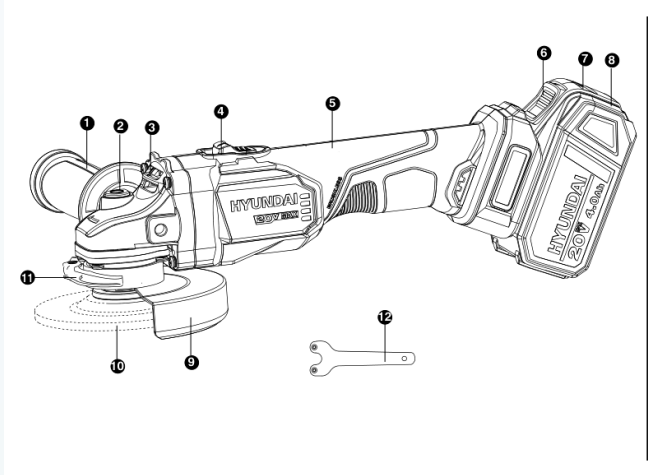
Standard accessory table

- Anti-vibration auxiliary handle - 1
- Spanner - 1
- Quick-change grinding guard - 1
- Battery and charger are listed only for AG20X-125FT in the supplied table.

Source: AG20X manual, pp. 11-13 (technical data, accessories, intended use).

ANGLE GRINDER DETAIL

Controls, components & operating essentials



Component reference

No.	Component
1	Auxiliary handle
2	Spindle lock button
3	Venting slot
4	On/off switch
5	Main handle
6	Battery pack release button*
7	Battery capacity indicator*
8	Battery pack*
9	Quick-change grinding guard
10	Disc*
11	Clamping lever
12	Spanner

* Not all illustrated accessories are included in standard delivery.

Wheel and guard

Use only wheel types and guards specified for the tool. Inspect accessories before use and ensure the guard is secured and positioned for maximum protection.

Two-hand control

Use the auxiliary handle and maintain a firm grip. Keep hands away from the rotating accessory and allow the wheel to stop completely before putting the tool down.

PPE

Use eye/face protection and, as appropriate, hearing protection, gloves, dust protection and protective clothing suitable for the operation.

Battery isolation

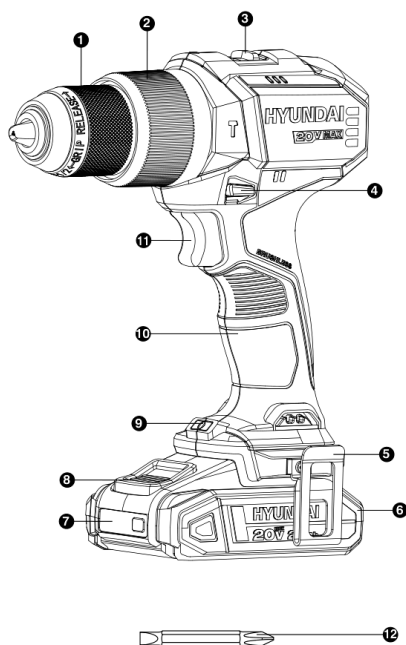
Remove the battery before adjustment, accessory changes, maintenance or storage. Use only designated battery packs and chargers.

Noise / vibration declared in the manual: LpA 85 dB(A), LwA 96 dB(A), K 3 dB(A); vibration emission 3.448 m/s² with K 1.5 m/s². Actual exposure can differ by application and workpiece.

Source: AG20X manual, component list, safety sections and noise/vibration information.

CORDLESS HAMMER DRILL

HD20X-60 / HD20X-60TT / HD20X-60T2T



Brushless motor

20V Max platform

2-speed gearbox

The manual covers fastening and drilling applications and provides an impact mode with a stated masonry drilling capacity of 16 mm.

Key technical data

MAX. TORQUE

60 N.m

rated maximum

NO-LOAD SPEED

**0-450 /
2000**

/min

IMPACT RATE

**0-7,200 /
32,000**

bpm

CLUTCH POSITIONS

22+1+1

settings

CHUCK

13 mm

1/2 in.

VOLTAGE

18V

20V Max.

Maximum drilling capacity

Material	Capacity
Steel	13 mm
Wood	40 mm
Masonry	16 mm

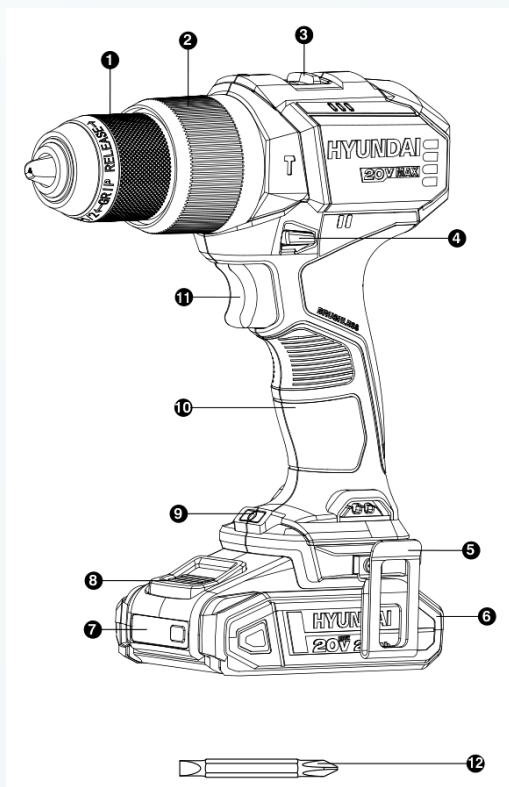
Kit variants

Model	Battery	Charger	Weight
HD20X-60	-	-	1.12 kg without battery
HD20X-60TT	1 x BI20-2	1 x C20-2	1.50 kg with battery
HD20X-60T2T	2 x BI20-2	1 x C20-2	1.50 kg with battery

Source: HD20X-60 manual, pp. 9-11.

HAMMER DRILL DETAIL

Controls, components & kit configuration



Component reference

No.	Component
1	Keyless chuck
2	Torque adjustment ring
3	Two-speed gear control
4	Forward/reverse rotation control
5	Belt clip
6	Battery pack*
7	Battery capacity indicator*
8	Battery pack release button*
9	LED light
10	Soft grip handle
11	On/off switch
12	Double-ended bits

Standard accessories

- Double-ended bit (PH2 / SL5.5) - 1 for all variants
- Belt clip - 1 for all variants
- TT kit: 1 x 2.0Ah battery + 1 x 2A charger
- T2T kit: 2 x 2.0Ah batteries + 1 x 2A charger

Safety highlights

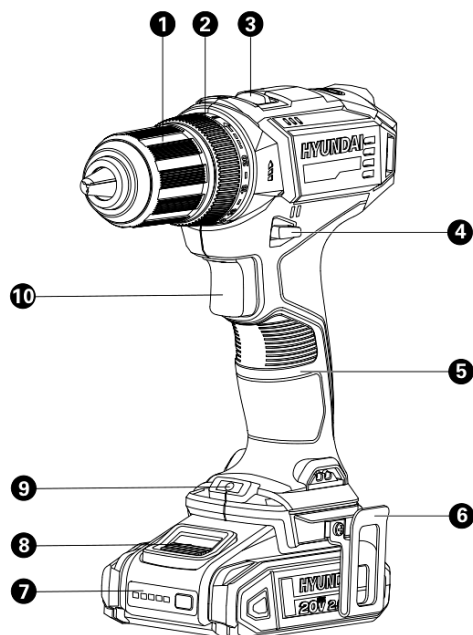
- Wear ear protection when impact drilling.
- Hold insulated gripping surfaces where hidden wiring may be present.
- Start long drill bits at low speed with the bit in contact with the workpiece.
- Apply pressure in line with the bit; avoid excessive force.

Declared sound pressure: 93.2 dB(A) in impact-drill mode and 73.9 dB(A) in drill mode. Declared sound power: 101.2 / 81.9 dB(A). The manual states actual noise and vibration can differ in use.

Source: HD20X-60 manual, component list, accessories and safety sections.

CORDLESS DRIVER DRILL

DD20S-40 / DD20S-40TT / DD20S-40T2T



20V Max platform

2-speed gearbox

Variable speed

The manual describes fastening and general drilling use. Use the correct bit/accessory for the material and follow the original manual for application-specific requirements.

Key technical data

MAX. TORQUE

40 N.m

rated maximum

NO-LOAD SPEED

**0-400 /
1600**

/min

CLUTCH POSITIONS

20+1

settings

CHUCK

13 mm

keyless

STEEL CAPACITY

13 mm

maximum

WOOD CAPACITY

30 mm

maximum

Kit variants

Model	Battery	Charger	Weight
DD20S-40	-	-	1.0 kg
DD20S-40TT	1 x BI20-2	1 x C20-2	1.4 kg
DD20S-40T2T	2 x BI20-2	1 x C20-2	1.4 kg

Voltage

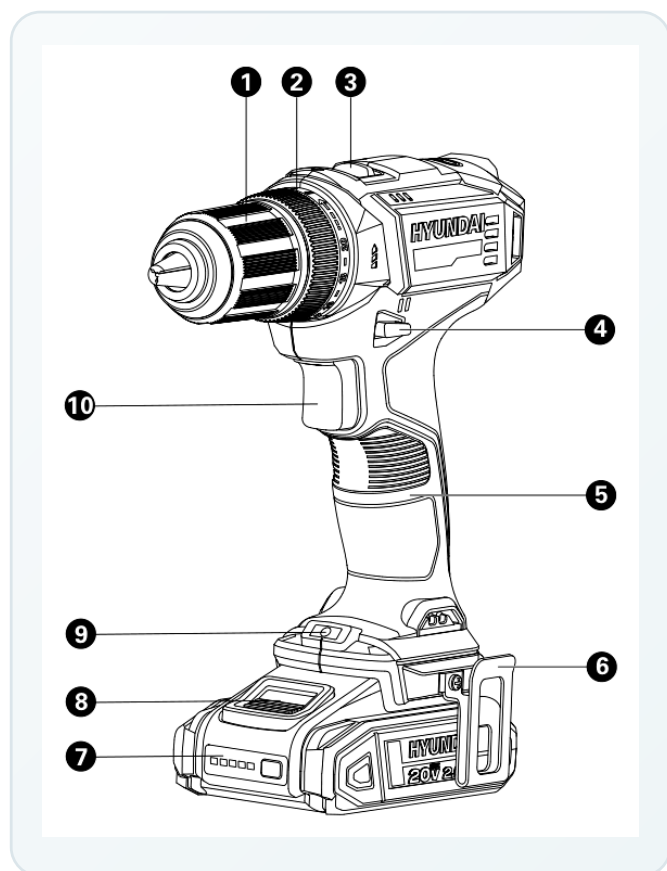
**18V nominal / 20V
Max**

Compatible with the battery and charger options listed on page 9 of this guide.

Source: DD20S-40 manual, pp. 9-12.

DRIVER DRILL DETAIL

Controls, components & kit configuration



Component reference

No.	Component
1	Keyless chuck
2	Torque adjustment ring
3	Two-speed gear control
4	Forward/reverse rotation control
5	Soft grip handle
6	Belt clip
7	Battery pack*
8	Battery pack release button*
9	LED light
10	On/off switch
11	Charger*
12	Double-ended bit*

Standard accessories

- Belt clip - 1 for all variants
- Double-ended bit (PH2 / SL5.5) - 1 for all variants
- TT kit: 1 x 2.0Ah battery + 1 x 2A charger
- T2T kit: 2 x 2.0Ah batteries + 1 x 2A charger

Safety highlights

- Hold insulated gripping surfaces where a bit or fastener may contact hidden wiring.
- Use correct speed and start long drill bits at low speed.
- Remove the battery before adjustment, accessory changes or storage.
- Keep handles clean, dry and free of oil and grease.

Declared sound pressure: 82.7 dB(A); sound power: 90.7 dB(A); declared drilling vibration: 4.06 m/s². Wear hearing protection as appropriate and assess actual exposure for the task.

Source: DD20S-40 manual, component list, accessories, technical and safety sections.

SHARED CORDLESS PLATFORM

Battery & charger compatibility

BI20-2

2.0Ah compatible battery pack

BI20-4

4.0Ah compatible battery pack

Use only the charger specified for the battery pack. Do not use damaged or modified packs. Keep unused packs away from metal objects that can short the terminals.

Compatible chargers

Specification	C20-2	C20-4
Input	100-240V~ 50/60Hz, 55W	100-240V~ 50/60Hz, 95W
Output	20V 2.0A	20V 4.0A
2.0Ah charge time	Approx. 1 hour	Approx. 30 minutes
4.0Ah charge time	Approx. 2 hours	Approx. 60 minutes
Protection class	Class II	Class II

Charging indicator

Indicator	Status
Red - steady	Charging
Red - flashing	Defective battery indication
Green - steady	Fully charged
Green - flashing	Battery too hot / cold

Storage

Charge the battery before long-term storage. The manuals advise recharging approximately every 3 months during extended non-use.

Temperature

Allow a hot battery to cool before charging. Charger safety sections specify charging within the stated temperature limits.

Recycling

Li-ion packs should be separately collected and recycled; do not dispose of them as unsorted municipal waste or burn them.

Source: technical data, charging procedure and battery safety sections across all three supplied manuals.

SELECTION GUIDE

Quick comparison across the range

GRINDING & CUTTING

AG20X Series

Voltage	18V / 20V Max
Speed	8,500 /min
Disc	115 / 125 mm
Spindle	M14
Motor	Brushless
Kit battery	4.0Ah on 125FT
Application	Metal / stone cutting & roughing

IMPACT DRILLING

HD20X-60 Series

Voltage	18V / 20V Max
Torque	60 N.m
Speed	0-450 / 2000
Impact	0-7,200 / 32,000 bpm
Chuck	13 mm
Motor	Brushless
Capacity	Steel 13 / Wood 40 / Masonry 16 mm

FASTENING & DRILLING

DD20S-40 Series

Voltage	18V / 20V Max
Torque	40 N.m
Speed	0-400 / 1600
Clutch	20+1
Chuck	13 mm
Capacity	Steel 13 / Wood 30 mm
Kit options	Bare / 1 battery / 2 batteries

Shared 20V Max ecosystem

The manuals list BI20-2 and BI20-4 as suitable battery packs, and C20-2 / C20-4 as suitable chargers. This supports a common battery strategy across the three product families, subject to the exact product package and current compatibility guidance.

Specifications shown here are manual-derived summary values, not a substitute for the full manufacturer manual, product label or current commercial SKU sheet.

Source: technical data and accessories tables in the three supplied manuals.

IMPORTANT INFORMATION

Essential safety & document notes

Read the original manual

This guide is a concise product and technical summary. It does not replace the complete manufacturer operating and safety instructions supplied with the product.

Personal protection

Use eye protection. Add hearing protection, dust protection, gloves and other PPE appropriate to the tool, accessory, material and working environment.

Accessory compatibility

Use only accessories that match the tool's rated size, speed, mounting system and intended application. Inspect accessories before use.

Battery & charger

Use designated batteries and chargers only. Do not short, open, burn or use damaged packs. Protect charging equipment from moisture and use it in a ventilated area.

Before adjustment

Remove the battery before making adjustments, changing accessories, cleaning, servicing or storing the tool.

Service

Have repairs performed by qualified personnel using identical replacement parts. Damaged battery packs should be serviced only by the manufacturer or authorized service providers.

Source documents supplied

Product family	Manual file
Cordless Angle Grinder	AG20X-115 AG20X-125 AG20X-125FT.pdf
Cordless Hammer Drill	Manual_HD20X-60-2.pdf
Cordless Driver Drill	Manual_DD20S-40.pdf

Formatting and obvious typographic presentation have been normalized for this guide; technical values and model references are based on the supplied manuals. Always verify the current product label, packaging and manufacturer documentation before commercial commitment.



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Kazakhstan**

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